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Coconino National Forest Land and Resource Management Plan

Final Environmental Impact Statement

Volume IV. Appendix I: Crosswalk between Coconino 1987 Forest Plan (as amended) and the Revised Forest Plan

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Coconino National Forest
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Final Environmental Impact Statement for the Coconino National Forest Service Land and Resource Management Plan

Coconino, Gila, and Yavapai Counties, Arizona

Volume IV. Appendix I: Crosswalk between Coconino 1987 Forest Plan (as amended) and the Revised Forest Plan

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Abstract: To comply with the National Forest Management Act and address changes that have occurred over the past 30 years, the Coconino National Forest proposes to revise the current land management plan (1987 plan). This programmatic final environmental impact statement (FEIS) documents analysis of the impacts of four alternatives developed for programmatic management of the 1.8 million acres administered by the Coconino National Forest. The analysis displays the anticipated progress toward the desired conditions as well as the potential environmental and social consequences of implementing each alternative. Alternative A is the no-action alternative, which is the 1987 plan, as amended. Alternative B (modified) is the preferred alternative and is reflected in the accompanying Final Land and Resource Management Plan for the Coconino National Forest. This alternative addresses new information and concerns received since the 1987 forest plan was published, and it meets objectives of Federal laws, regulations, and policies. Alternative C considers increases in the amount of wilderness and special areas, as well as increased opportunities for semi-primitive recreation. Alternative D considers fewer restrictions on human access, use, and infrastructure.

Appendix I. Crosswalk between 1987 Coconino Forest Plan (as amended) and the proposed Revised Forest Plan

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Introduction

The purpose of the crosswalk is to demonstrate how some of the direction in the 1987 Coconino National Forest Land and Resource Management Plan (1987 Plan) was incorporated into the more strategic direction included in the proposed action, alternative B (modified) (proposed revised plan). The following tables are not an exhaustive account of all direction in the 1987 Plan. Rather, this appendix focuses on the 1987 Plan direction in which partners, stakeholders, and commenters have expressed interest, such as direction for management of old growth, Mexican spotted owl habitat, the Flagstaff-Lake Mary area, and the Sedona-Oak Creek area. A more comprehensive crosswalk that addresses all of the 1987 Plan direction is included in the project record.

The tables in this appendix follow the plan direction as it appears in the 1987 Plan. They begin with the Forest Wide Management Direction on page 51 and go through the management area direction that concludes on page 206-117. The tables address groups of 1987 Plan direction by resource or management area.

From left to right, the tables list the page number of the 1987 Plan where that direction is located, the full text of the 1987 Plan direction, an explanation of how the 1987 Plan direction was addressed, and the related components and management approaches from alternative B (modified). As in the main body of the Final Environmental Impact Statement, this appendix uses short codes to identify the plan components in alternative B (modified) rather than including the full text of the component. The coding refers the reader to specific plan components in the proposed revised plan. Abbreviations are used in each code to identify: (1) if a plan decision applies forestwide (FW) or within a particular management (MA) or special (SA) area; (2) the applicable resource area (e.g., Air, Soil, etc.); and (3) type of plan decision (i.e., a desired condition (DC), objective (O), standard (S), or guideline (G)). The last part of each code is a number. For example, FW-WFP-DC-1 and 2 point to forestwide direction (FW) in the “Wildlife, Fish and Plants” section (WFP) and specifically to desired conditions (DC) numbers 1 and 2. The code SA-Wild-S-1, 2, and 3 refers to the plan section on “Special Areas” (SA) which includes wilderness (Wild) as one type of special area, and standards (S) 1, 2 and 3 in that section.

The tables also point to management approaches contained in the proposed revised plan. Management approaches are not mandatory plan direction, but they clarify application of plan direction and identify probable management actions that are designed to maintain or move toward desired conditions and objectives. Because management approaches are not mandatory plan direction they have not been numbered in the proposed revised plan. The crosswalk identifies individual management approach by assigning it a letter. The first management approach in a section is assigned the letter A, the second management approach is assigned the letter B, and so on. Otherwise the coding works the same as described above for desired conditions, objectives, standards, and guidelines. For example, FW-WFP-MgtApp-A and D point to forestwide direction (FW) in the “Wildlife, Fish and Plants” section (WFP) and specifically to first and fourth management approaches (MgtApp) in that section.

A quick way to find a component in the proposed revised plan is to search the electronic version. Use the Ctrl-F command for Microsoft operating systems or the Cmd-F command for Apple operating systems. Then use part of the plan code to get to the relevant section. For example, if you’re looking for FW-WFP-G-3, search for “FW-WFP-G.” That will take you to the guidelines section for Wildlife, Fish, and Plants. Then look for the third guideline in the numbered list of components in that section.

How 1987 Plan direction was addressed

The 1987 Plan direction has been addressed in a number of ways in this forest plan revision effort. In some cases, the 1987 Plan directions was wholly carried over in to the proposed revised plan. In many cases, the purpose or focus of the 1987 direction was retained in a variety of other ways in the proposed revised plan. In a few cases, the 1987 Plan direction was not carried forward into the proposed revised plan. The following sections describe these various situations in greater detail and explain how the information in the tables will be linked to those situations.

1987 Plan direction that was carried forward

Direction from the 1987 Plan was carried forward into the proposed revised plan in a number of ways. Much of the direction is reflected in the plan components (desired conditions, objectives, standards, guideline, suitability determinations) and management approaches of the proposed revised plan. Other direction was not carried forward as a plan component, but was reflected in appendix B (Proposed and Probable Management Practices) or appendix D (Other Sources of Information). Each of these situations is described in detail below.

A great deal of the direction in the 1987 Plan has been carried forward into the proposed revised plan. However, there is not always a one-to-one relationship between direction in the 1987 Plan and components and management approaches in the proposed revised plan. The proposed revised plan is strategic in nature, so the specific focus or intent of some 1987 Plan components did not always fit this strategic approach. Accordingly, many of the prescriptive standards and guidelines in the 1987 Plan were reframed as desired conditions or guidelines in the proposed revised plan. For example, a 1987 Plan component requires timber projects to evaluate bear habitat during project planning in dense pinyon juniper or areas adjacent to steep pinyon juniper. The proposed revised plan takes a more strategic approach and requires projects to be managed to maintain or improve habitat for native species (FW-WFP-G-1) and requires timber harvest activities to be designed to maintain or more the forest toward ecological desired conditions (FW-FProd-G-2). For this reason, the crosswalk may point to numerous plan components. Some of those components will apply to the resource addressed by the 1987 Plan direction. Other components may address the activity. Actions under the proposed revised plan will need to consider all of this direction and lay out a course that is consistent with all the components. That may result in an action that is exactly or very similar to the action that would be required under the 1987 Plan, or something entirely different as long as it is consistent with the proposed revised plan's components. For situations where the 1987 Plan direction has been carried forward into the proposed revised plan, the tables below will note that the 1987 Plan direction was "addressed in plan components and/or management approaches" in the "How it was addressed" column.

Some 1987 Plan direction has been addressed through the proposed revised plan's suitability determinations for timber, grazing, recreation, and transportation. The proposed revised plan includes these suitability determinations in Chapter 4; they are considered plan decisions. When the context of the 1987 Plan implicates a suitability determination for one of these programs, consult Chapter 4 (Suitable Uses) in the proposed revised plan for information on these suitability determinations. For example, 1987 direction that indicates domestic livestock grazing is closed in a particular management area is not reflected in the proposed revised plan's components for that management area. Instead, that closure is acknowledged in the Grazing Capability and Suitability section in Chapter 4, Suitable Uses, of the proposed revised plan.

In numerous situations, the 1987 Plan included direction to prepare other plans for the management of resources on the Forest. The 1987 Plan also includes numerous references to conduct evaluations of certain areas or activities. Other necessary plans are required by law, regulation, and policy. For this

reason, the proposed revised plan does not include direction to prepare additional plans for the management of resources on the Forest in plan components. Instead, this information is addressed in appendix B (Proposed and Probable Management Practices) of the proposed revised plan, which includes a list of proposed and probable management practices that may take place on the Forest under the proposed revised plan. The list in appendix B is not intended to be all-inclusive.

The 1987 Plan direction includes references to other sources of information, authorities such as laws, regulations, policies and other decisions and direction that the Forest is already obligated to follow. The proposed revised plan does not repeat these authorities in plan components for several reasons. The Forest is already required to follow applicable laws, regulations, policies, or other decisions or direction. Referencing these authorities or actions required by these authorities in a plan component does not change the Forest's obligation. However, if these authorities are rescinded or the actions they require are changed, the Forest would still be required to follow the outdated direction referenced in its plan component. For these reasons, authorities such as laws, regulations, policies and other decisions and direction are not repeated in plan components in the proposed revised plan. Instead, appendix D (Other Sources of Information) of the proposed revised plan lists many of these authorities by resource, management area, and special area. The list included in appendix D is not intended to be exclusive; it is simply a helpful list of some of the other documents that provide information useful to management of the Coconino National Forest. Accordingly, some of the authorities mentioned in the 1987 Plan may not be listed in appendix D. The tables below will address this topic in the "How it was addressed" column in one of two ways. The table may note that the 1987 Plan direction was "referenced in appendix D of the revised plan." Or, the table may note that the authority mentioned in the 1987 Plan "was not repeated in a plan component." In most cases, even though the reference to a specific authority was not carried forward in a plan component, the proposed revised plan has plan components and/or management approaches that are relevant to the resource or activity addressed by that authority. Those components will be listed in the "Related Components in Proposed Revised Plan" columns.

1987 Plan direction not carried forward

As noted above, most of the direction from the 1987 Plan has been carried forward into the proposed revised plan or accounted for in another way. However, there were situations where the 1987 Plan direction conflicted with the overall approach of the proposed revised plan. These situations involve the 1987 Plan direction to undertake site-specific projects or to conduct certain actions within a timeframe which has long since expired. For example, the 1987 Plan includes direction to take particular action to build or change certain recreational trails on the Forest. These specific decisions were not carried forward into plan components in the proposed revised plan. The proposed revised plan does not make any site-specific decisions; those are made at the project level based on site-specific information. Instead, the proposed revised plan provides strategic guidance on what to consider when making a decision about a recreational trail. The Forest can still pursue the building or changing the trail mentioned in the 1987 Plan, but that decision would be made at the project level based on site specific information. This type of direction is not tracked in the tables below. However, they are included in the comprehensive crosswalk that addresses all of the 1987 Plan direction that is included in the project record.

Cave Management

Cave Management			
Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
51	Known caves are inventoried and evaluated Forest-wide under provisions of the Federal Cave Resources Protection Act of 1988 to determine the resources, their condition, and significance. Newly discovered caves are scheduled for evaluation as they become known.	Reference to controlling authority not repeated in plan component, but proposed revised plan includes additional direction related to this topic.	FW-BioPhys-Geo-MgtApp-E
51-1	Caves determined to be significant under the Act, or which are being evaluated, are exempt from locational disclosures. The location and resources of caves are also kept confidential when need is to protect archaeological resources, wildlife habitat, cave biota, geological features and paleontological deposits. An inventory is maintained of all caves.	Reference to controlling authority not repeated in plan component, but proposed revised plan includes additional direction related to this topic.	FW-BioPhys-Geo-DC-1, FW-BioPhys-Geo-DC-3, FW-BioPhys-Geo-DC-5, FW-BioPhys-Geo-G-1, FW-BioPhys-Geo-MgtApp-D, FW-BioPhys-Geo-S-1
51-1	Significant caves are monitored to determine visitor impacts and the conditions of key resources. Management techniques will be adjusted, based on the results of monitoring.	Addressed in plan components and/or management approaches.	FW-BioPhys-Geo-G-1
51-1	Caves used, or recently used, by bat colonies are generally managed to maintain or enhance bat populations. Protection measures may include education, seasonal closures, and gating. Monitoring is used to determine population dynamics. Both monitoring and management include consultation with State and Federal wildlife agencies.	Addressed in plan components and/or management approaches.	FW-BioPhys-Geo-G-5, FW-BioPhys-Geo-G-6, FW-BioPhys-Geo-MgtApp-C, FW-BioPhys-Geo-MgtApp-F
51-1	Appropriate caves are interpreted to increase public awareness of the need to protect and preserve cave resources.	Addressed in plan components and/or management approaches.	FW-BioPhys-Geo-MgtApp-H, FW-InterpEd-DC-1, FW-InterpEd-DC-2, FW-InterpEd-DC-4
51-2	Surface land management decisions include consideration of potential impacts to all cave resources.	Addressed in plan components and/or management approaches.	FW-BioPhys-Geo-DC-1, FW-BioPhys-Geo-G-1, FW-BioPhys-Geo-G-2, FW-BioPhys-Geo-G-3

Cave Management			
Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
51-2	Any management activity planned near or within a known cave area is examined for its potential impacts to caves and karst features. This includes activities which might increase sedimentation, sterilize soil, change a cave's natural hydrology or water quality, add nutrients or other chemicals (including pesticides, herbicides and fertilizers), or modify the cave. Cave entrances and karst features are also not used as disposal sites for slash, waste rock or fill materials, and other refuse.	Addressed in plan components and/or management approaches.	FW-BioPhys-Geo-DC-1, FW-BioPhys-Geo-DC-2, FW-BioPhys-Geo-G-1, FW-BioPhys-Geo-G-2, FW-BioPhys-Geo-G-4, FW-BioPhys-Geo-MgtApp-H
51-2	Maintenance of cave microclimate, hydrology, and entrance vegetation is needed in order to protect long-term cave ecology. In general, during project planning evaluate at least a 300 foot radius around cave entrances, infeeder drainages, and surface areas immediately over cave passages for the effect on cave resources.	Addressed in plan components and/or management approaches.	FW-BioPhys-Geo-DC-1, FW-BioPhys-Geo-DC-2, FW-BioPhys-Geo-DC-3, FW-BioPhys-Geo-DC-4, FW-BioPhys-Geo-G-1, FW-BioPhys-Geo-G-2, FW-BioPhys-Geo-G-3, FW-BioPhys-Geo-G-4, FW-BioPhys-Geo-G-6, FW-BioPhys-Geo-G-7, FW-BioPhys-Geo-G-8
51-2	Generally, major alterations to caves are not permitted. Following an excavation to locate an unknown cave, the condition of the original opening is mimicked so that air flow and wildlife use is not altered and the surface visual resource is maintained. Requests to locate caves using special excavation techniques (explosives, heavy machinery, removing large volumes of earth) are analyzed and considered on a case-by-case basis in compliance with the Archeological Protection Act and NEPA.	Addressed in plan components and/or management approaches.	FW-BioPhys-Geo-DC-2, FW-BioPhys-Geo-G-4
51-2	Caves of high resource values, and a suitable buffer area of approximately 1/4 mile from known cave passages, may be recommended for withdrawal from mineral entry.	Addressed in plan components and/or management approaches.	FW-Minerals-DC-1, FW-Minerals-G-1
51-2	Controlled source seismic surveys requiring explosives or other disruptive techniques are not conducted over or close enough to known caves to create unnatural disturbances.	Addressed in plan components and/or management approaches.	FW-BioPhys-Geo-G-4

Cave Management			
Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
51-2	Drilling is not allowed over known caves or within a suitable buffer. No sediments from erosion of access roads and drilling sites is allowed to wash or be discharged into caves or karst features. If previously undiscovered caves are encountered above the zone of saturation for the regional aquifer during drilling operations, reasonable precautions are taken to protect the cave. This includes sealing the casing above and below the cave to prevent air flow and water leakage.	Addressed in plan components and/or management approaches.	FW-BioPhys-Geo-DC-1, FW-BioPhys-Geo-DC-2, FW-BioPhys-Geo-DC-3, FW-BioPhys-Geo-DC-4, FW-BioPhys-Geo-G-2, FW-BioPhys-Geo-G-4
52	Pursue instream flow rights when existing rights are lacking or inadequate in order to protect recreation interests.	Addressed in plan components and/or management approaches.	FW-BioPhys-Geo-DC-2, FW-Water-G-3

Special Designations

Special Designations			
Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
52	The Arizona Trail is a state-wide trail of which a portion traverses the Coconino National Forest. The trail goes from the north end of the Peaks Ranger District to the Mogollon Rim on the Mogollon Rim Ranger District. This Trail will be a non-motorized pathway. The route will use public lands to ensure public access; use existing trails, where use of the trails as part of the Arizona Trail does not cause substantial negative impacts; allow day-long, weekend, or week-long travel segments; accommodate hikers, equestrians, crosscountry skiers, and back-country bicyclists where physically possible and where management permits; provide representation of the various life zones, geologic features, native vegetation, wildlife, cultural resources, and resource management practices of the Coconino National Forest; be in harmony with other federal, state, and local government entities, and private landowners; and allow for continued production of outputs from forest resources as stated in the Forest Land Management Plan. The Forest Plan identifies a corridor, with the final trail location, design, construction, and signing to be accomplished by Forest staff and private sector/volunteer partnerships.	Addressed in plan components and/or management approaches.	SA-NatlTrails-DC-4, SA-NatlTrails-DC-6, SA-NatlTrails-DC-7, SA-NatlTrails-DC-8, SA-NatlTrails-G-1, SA-NatlTrails-G-10, SA-NatlTrails-G-2, SA-NatlTrails-G-3, SA-NatlTrails-G-4, SA-NatlTrails-G-6, SA-NatlTrails-G-7

Cultural Resources

Cultural Resources			
Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
52	Consult with Native Americans when projects and activities are planned in sites or areas of known religious or cultural importance.	Addressed in plan components and/or management approaches.	FW-Hrtg-MgtApp-A, FW-Hrtg-MgtApp-F, FW-Hrtg-MgtApp-P, FW-Trbl-DC-1, FW-Trbl-G-2, FW-Trbl-MgtApp-A, FW-Trbl-MgtApp-B
52	Make boughs and herbaceous plant parts used for Native American religious and ceremonial purposes available under conditions and procedures that minimize restrictions, consistent with laws, regulations, and agreements with Tribes. The written authorization to the Hopi Tribe for gathering without specific individual permits is an example. This authorization does not include such items as firewood removed from the Forest or Kiva logs, which do require a permit.	Addressed in plan components and/or management approaches.	FW-Trbl-DC-2, FW-Trbl-DC-3, FW-Trbl-G-1
52-1	Project undertakings are inventoried for cultural resources and areas of Native American religious use. Inventory intensity complies with Regional policy, and the settlement agreement for the Save The Jemez Lawsuit, and is determined in consultation with the State Historic Preservation Officer (SHPO). Generally, inventory standards are: - One hundred percent survey of all projects causing complete surface disturbance; - When less than 100 percent survey is deemed appropriate, the specific sample fraction surveyed is determined in consultation with the State Historic Preservation Officer and is generally greater than 10 percent. Factors determining when sampling is appropriate include projects with dispersed or minimal impacts, low expected archaeological site density, ground cover, and types of archaeological sites present in the area; - Consultation with appropriate Native American groups; - Consultation with the SHPO, and if necessary, the Advisory Council on Historic Preservation (ACHP), before project implementation.	Reference to controlling authority not repeated in plan component, but proposed revised plan includes additional direction related to this topic.	FW-Hrtg-DC-1, FW-Hrtg-G-6

Cultural Resources			
Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
54	Continue to interpret cultural resources through lectures, tours, papers, reports, publications, brochures, displays, films, trails, signs, and other opportunities.	Reference to controlling authority not repeated in plan component, but proposed revised plan includes additional direction related to this topic.	FW-Hrtg-DC-12, FW-Hrtg-DC-5, FW-Hrtg-DC-8, FW-Hrtg-G-5

Dispersed Recreation--Standard Service Level Management

Dispersed Recreation – Standard Service Level Management			
Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
57	Manage areas for public safety, resource protection, compliance checks, and capacity monitoring. Dispersed areas are kept clean for aesthetics, health, and safety. Areas damaged due to use are closed and restored as necessary.	Addressed in plan components and/or management approaches.	FW-Rec-All-DC-6, FW-Rec-All-G-2
57	Maintain cross-country ski and snow play areas for public health and safety, using volunteers and permittees, as well as Forest personnel.	Addressed in plan components and/or management approaches.	FW-Rec-All-DC-2, FW-Rec-All-G-2, FW-Rec-Dev-G-4, FW-Rec-Dev-MgtApp-G, FW-Rec-Disp-DC-1, FW-Rec-Disp-G-4, FW-Rec-Disp-MgtApp-A

Motor Vehicle Management

Motor Vehicle Management			
Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
59	The Pine Grove and Rattlesnake areas, of approximately 12,600 and 11,100 acres, respectively, are closed to motorized use annually from August 15 through December 31.	Addressed in plan components and/or management approaches.	MA-LkMary-DC-4, MA-LkMary-S-1, MA-PineBelt-DC-5, MA-PineBelt-DC-6, MA-PineBelt-S-1, MA-PineBelt-S-2
59	Law enforcement is planned and implemented to minimize resource damage and user conflicts. Signing is appropriate to inform the publics and help minimize the need for direct law enforcement activities.	Addressed in plan components and/or management approaches.	FW-InterpEd-G-3, FW-InterpEd-MgtApp-C, FW-Rec-Disp-G-1, FW-Rec-Trails-DC-1, FW-Rec-Trails-DC-6

Visual Resource Planning and Inventory

Visual Resource Planning and Inventory			
Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
60	Review the VQO inventory as a part of project planning and make necessary corrections/refinements following field checking. Use VQO inventory to analyze impacts to VQO classes due to management activities such as timber sales, range projects, and firewood sales. Use the current Forest Visual Resource Management Inventory that lists VQO Forest-wide in conjunction with Forest Plan MA Map and descriptions to plan projects. Acceptable Forest-wide variation is + 15 percent in each VQO class and relates to the changes from the updated inventory, except no change is allowed in Preservation.	Addressed in plan components and/or management approaches.	FW-Scenic-DC-2, FW-Scenic-G-1, FW-Scenic-G-2, FW-Scenic-G-3, FW-Scenic-G-4, FW-Scenic-MgtApp-E

Wildlife and Fish

Wildlife and Fish			
Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
64	On identified big game winter ranges, treatments are designed to enhance the specified wildlife species. These areas are managed primarily for the welfare of the wildlife species using the area. Where forage is identified as a limiting factor for big game populations, seek opportunities to make available additional forage and implement where determined appropriate through analysis with the IRM and NEPA process.	Addressed in plan components and/or management approaches.	FW-WFP-DC-3, FW-WFP-G-3, FW-WFP-G-8
64	Inventory, evaluate, and prepare recovery schedules for proposed, T&E, and sensitive plant and animal species in the first decade or as species are proposed. Monitor approved schedules, reproductive success, and effects of management activities at occupied threatened, endangered, and sensitive species sites. Reintroduce T&E species in accordance with recovery plans.	Addressed in plan components and/or management approaches.	FW-WFP-G-1, FW-WFP-G-2, FW-WFP-MgtApp-A
64-1	Activities determined to cause disturbance, including public use, are prohibited in the vicinity of occupied peregrine falcon nesting habitat between March 1 and August 15. This seasonal restriction applies to occupied nesting habitat unless the site is determined to be unoccupied. It may be necessary to post signs and/or fence areas to provide protection.	Addressed in plan components and/or management approaches.	FW-WFP-DC-2, FW-WFP-G-8, FW-WFP-MgtApp-F
65	Hedeoma diffusum and Senecio franciscanus are managed by the direction presented in the management plans prepared for each species. Hedeoma diffusum is covered by the Hedeoma diffusum Management Plan and Senecio franciscanus by the San Francisco Peaks Alpine Tundra Management Plan, which are both adopted by the Forest Plan.	Referenced in Appendix D and addressed in plan components and/or management approaches.	FW-WFP-DC-2, FW-WFP-G-1, FW-WFP-G-2, FW-WFP-MgtApp-A
65	Provide three levels of habitat management - protected, restricted, and other forest and woodland types to achieve a diversity of habitat conditions across the landscape.	Addressed in plan components and/or management approaches.	FW-WFP-G-1, FW-WFP-MgtApp-A, FW-WFP-MgtApp-E
65	Protected areas include delineated protected activity centers; mixed conifer and pine oak forests with slopes greater than 40% where timber harvest has not occurred in the last 20 years; and reserved lands which include wilderness, research natural areas, wild and scenic rivers, and congressionally recognized wilderness study areas.	Addressed in plan components and/or management approaches.	FW-WFP-G-1, FW-WFP-MgtApp-A, FW-WFP-MgtApp-E

Wildlife and Fish			
Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
65	Restricted areas include all mixed-conifer, pine-oak, and riparian forests outside of protected areas.	Addressed in plan components and/or management approaches.	FW-WFP-G-1, FW-WFP-MgtApp-A, FW-WFP-MgtApp-E
65	Establish a protected activity center at all Mexican spotted owl sites located during surveys and all management territories established since 1989.	Addressed in plan components and/or management approaches.	FW-WFP-DC-1, FW-WFP-DC-2, FW-WFP-G-1, FW-WFP-MgtApp-A, FW-WFP-MgtApp-E
65	Allow no timber harvest except for fuelwood and fire risk abatement in established protected activity centers. For protected activity centers destroyed by fire, windstorm, or other natural disaster, salvage timber harvest or declassification may be allowed after evaluation on a case-by-case basis in consultation with US Fish and Wildlife Service.	Addressed in plan components and/or management approaches.	FW-Fprod-G-1, FW-WFP-DC-1, FW-WFP-DC-2, FW-WFP-G-1, FW-WFP-G-3, FW-WFP-MgtApp-A, FW-WFP-MgtApp-E
65	Limit human activity in protected activity centers during the breeding season.	Addressed in plan components and/or management approaches.	FW-WFP-DC-11, FW-WFP-MgtApp-F, FW-WFP-S-2
65-1	In protected and restricted areas, when activities conducted in conformance with these standards and guidelines may adversely affect other threatened, endangered, or sensitive species or may conflict with other established recovery plans or conservation agreements; consult with US Fish and Wildlife Service to resolve the conflict.	Addressed in plan components and/or management approaches.	FW-WFP-G-1, FW-WFP-MgtApp-A
65-1	Protected Activity Centers: Delineate an area of not less than 600 acres around the activity center using boundaries of known habitat polygons and/or topographic features. Written justification for boundary delineation should be provided.	Addressed in plan components and/or management approaches.	FW-WFP-DC-2, FW-WFP-G-1, FW-WFP-MgtApp-A, FW-WFP-MgtApp-E
65-1	The Protected Activity Center boundary should enclose the best possible owl habitat configured in as compact a unit as possible, with the nest or activity center located near the center.	Addressed in plan components and/or management approaches.	FW-WFP-DC-2, FW-WFP-G-1, FW-WFP-MgtApp-A, FW-WFP-MgtApp-E
65-1	The activity center is defined as the nest site. In the absence of a known nest, the activity center should be defined as a roost grove commonly used during breeding. In the absence of a known nest or roost, the activity center should be defined as the best nest/roost habitat.	Addressed in plan components and/or management approaches.	FW-WFP-DC-2, FW-WFP-G-1, FW-WFP-MgtApp-A, FW-WFP-MgtApp-E

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65-1	Protected Activity Center boundaries should not overlap.	Addressed in plan components and/or management approaches.	FW-WFP-DC-2, FW-WFP-G-1, FW-WFP-MgtApp-A, FW-WFP-MgtApp-E
65-1	Submit protected activity center maps and descriptions to the recovery unit working group for comment as soon as possible after completion of surveys.	Addressed in plan components and/or management approaches.	FW-WFP-G-1, FW-WFP-MgtApp-A, FW-WFP-MgtApp-E
65-1	Road or trail building in protected activity centers should be avoided but may be permitted on a case-by-case basis for pressing management reasons.	Addressed in plan components and/or management approaches.	FW-WFP-DC-2, FW-WFP-G-1, FW-WFP-MgtApp-A, FW-WFP-MgtApp-E
65-1	Generally allow continuation of the level of recreation activities that was occurring prior to listing.	Addressed in plan components and/or management approaches.	FW-Rec-All-G-1, FW-Rec-All-G-2, FW-WFP-DC-2, FW-WFP-G-1, FW-WFP-G-3
65-2	Harvest fuelwood when it can be done in such a way that effects on the owl are minimized. Manage within the following limitations to minimize effects on the owl. - Retain key forest species such as oak. - Retain key habitat components such as snags and large downed logs. - Harvest conifers less than 9 inches in diameter only within those protected activity centers treated to abate fire risk as described below, except for the Clark PAC there trees less than 16 inches diameter will be harvested.	Addressed in plan components and/or management approaches.	FW-WFP-DC-2, FW-WFP-G-1, FW-WFP-MgtApp-A, FW-WFP-MgtApp-E

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Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
65-2	Treat fuel accumulations to abate fire risk. - Select for treatment 10% of the protected activity centers where nest sites are known in each recovery unit having high fire risk conditions. Also select another 10% of the protected activity centers where nest sites are known as a paired sample to serve as control areas. - Designate a 100 acre "no treatment" area around the known nest site of each selected protected activity center. Habitat in the no treatment area should be as similar as possible in structure and composition as that found in the activity center. - Use combinations of thinning trees less than 9 inches in diameter (or less than 16 inches in the Clark PAC), mechanical fuel treatment and prescribed fire to abate fire risk in the remainder of the selected protected activity center outside the 100 acre "no treatment" area. - Retain woody debris larger than 12 inches in diameter, snags, clumps of broadleafed woody vegetation, and hardwood trees larger than 10 inches in diameter at the root collar. - Select and treat additional protected activity centers in 10% increments if monitoring of the initial sample shows there were no negative impacts or there were negative impacts which can be mitigated by modifying treatment methods. - Use light prescribed burns in non-selected protected activity centers on a case- by- case basis. Burning should avoid a 100 acre "no treatment" area around the activity center. Large woody debris, snags, clumps of broad-leafed woody vegetation should be retained and hardwood trees larger than 10 inches diameter at the root collar. - Pre and post treatment monitoring should be conducted in all protected activity centers treated for fire risk abatement. (See monitoring guidelines)	Addressed in plan components and/or management approaches.	FW-WFP-DC-2, FW-WFP-G-1, FW-WFP-MgtApp-A, FW-WFP-MgtApp-E
65-3	Steep Slopes (Mixed conifer and pine-oak forests outside protected activity centers with slopes greater than 40% that have not been logged within the past 20 years): No seasonal restrictions apply.	Addressed in plan components and/or management approaches.	FW-WFP-G-1, FW-WFP-MgtApp-A, FW-WFP-MgtApp-E, FW-WFP-MgtApp-F, FW-WFP-S-2

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Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
65-3	Treat fuel accumulations to abate fire risk. - Use combinations of thinning trees less than 9 inches in diameter, mechanical fuel removal, and prescribed fire. - Retain woody debris larger than 12 inches in diameter, snags, clumps of broadleafed woody vegetation, and hardwood tress larger than 10 inches in diameter at the root collar. - Pre and post treatment monitoring should occur within all steep slopes treated for fire risk abatement. (See monitoring guidelines)	Addressed in plan components and/or management approaches.	FW-WFP-DC-2, FW-WFP-G-1, FW-WFP-MgtApp-A, FW-WFP-MgtApp-E
65-3	Reserved Lands (Wilderness, Research Natural Areas, Wild and Scenic Rivers, and Congressionally Recognized Wilderness Study Areas): Allow prescribed fire where appropriate.	Addressed in plan components and/or management approaches.	FW-WFP-G-1, FW-WFP-MgtApp-A, FW-WFP-MgtApp-E
65-3	Mixed Conifer and Pine-oak Forests (See glossary definition): Manage to ensure a sustained level of owl nest/roost habitat well distributed across the landscape. Create replacement owl nest/roost habitat where appropriate while providing a diversity of stand conditions across the landscape to ensure habitat for a diversity of prey species.	Addressed in plan components and/or management approaches.	FW-WFP-DC-2, FW-WFP-G-1, FW-WFP-MgtApp-A, FW-WFP-MgtApp-E
65-3	The following table displays the minimum percentage of restricted area which should be managed to have nest/roost characteristics. The minimum mixed conifer restricted area includes 10% at 170 basal area and an additional amount of area at 150 basal area. The additional area of 150 basal area is +10% in BR-E and +15% in all other recovery units. The variables are for stand averages and are minimum threshold values and must be met simultaneously. In project design, no stands simultaneously meeting or exceeding the minimum threshold values should be reduced below the threshold values unless a district-wide or larger landscape analysis of restricted areas shows that there is a surplus of restricted area acres simultaneously meeting the threshold values. Management should be designed to create minimum threshold conditions on project areas where there is a deficit of stands simultaneously meeting minimum threshold conditions unless the district-wide or larger landscape analysis shows there is a surplus.	Addressed in plan components and/or management approaches.	FW-WFP-DC-2, FW-WFP-G-1, FW-WFP-MgtApp-A, FW-WFP-MgtApp-E

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Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
65-4	This table has been modified to contain only information pertinent to the Coconino National Forest. Variable Mixed Conifer Pine-Oak Restricted Area % 10% +15% 10% Stand Averages for: Basal Area 170 150 150 18 inch + trees/ac 20 20 20 Oak Basal Area NA NA 20 Percent total existing 12-18" 10 10 15 18-24" 10 10 15 24+" 10 10 15	Addressed in plan components and/or management approaches.	FW-WFP-DC-2, FW-WFP-G-1, FW-WFP-MgtApp-A, FW-WFP-MgtApp-E
65-4	Attempt to mimic natural disturbance patterns by incorporating natural variation, such as irregular tree spacing and various patch sizes, into management prescriptions.	Addressed in plan components and/or management approaches.	FW-WFP-DC-2, FW-WFP-G-1, FW-WFP-MgtApp-A, FW-WFP-MgtApp-E
65-4	Maintain all species of native trees in the landscape including early seral species.	Addressed in plan components and/or management approaches.	FW-WFP-DC-2, FW-WFP-G-1, FW-WFP-MgtApp-A, FW-WFP-MgtApp-E
65-4	Allow natural canopy gap processes to occur, thus producing horizontal variation in stand structure.	Addressed in plan components and/or management approaches.	FW-WFP-DC-2, FW-WFP-G-1, FW-WFP-MgtApp-A, FW-WFP-MgtApp-E
65-4	Emphasize uneven-aged management systems. However, both even-aged and unevenaged systems may be used where appropriate to provide variation in existing stand structure and species diversity. Existing stand conditions will determine which system is appropriate.	Addressed in plan components and/or management approaches.	FW-WFP-DC-2, FW-WFP-G-1, FW-WFP-MgtApp-A, FW-WFP-MgtApp-E
65-4	Extend rotation ages for even-aged stands to greater than 200 years. Silvicultural prescriptions should explicitly state when vegetative manipulation will cease until rotation age is reached.	Addressed in plan components and/or management approaches.	FW-WFP-DC-2, FW-WFP-G-1, FW-WFP-MgtApp-A, FW-WFP-MgtApp-E
65-4	Save all trees greater than 24 inches dbh.	Addressed in plan components and/or management approaches.	FW-WFP-DC-2, FW-WFP-G-1, FW-WFP-MgtApp-A, FW-WFP-MgtApp-E
65-4	In pine-oak forests, retain existing large oaks and promote growth of additional large oaks.	Addressed in plan components and/or management approaches.	FW-WFP-DC-2, FW-WFP-G-1, FW-WFP-MgtApp-A, FW-WFP-MgtApp-E
65-4	Encourage prescribed and prescribed natural fire to reduce hazardous fuel accumulation. Thinning from below may be desirable or necessary before burning to reduce ladder fuels and the risk of crown fire.	Addressed in plan components and/or management approaches.	FW-WFP-DC-2, FW-WFP-G-1, FW-WFP-MgtApp-A, FW-WFP-MgtApp-E

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Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
65-5	Retain substantive amounts of key habitat components: - Snags 18 inches in diameter and larger - Down logs over 12 inches midpoint diameter - Hardwoods for retention, recruitment, and replacement of large hardwoods	Addressed in plan components and/or management approaches.	FW-WFP-DC-2, FW-WFP-G-1, FW-WFP-MgtApp-A, FW-WFP-MgtApp-E
65-5	Riparian Areas: Emphasize maintenance and restoration of healthy riparian ecosystems through conformance with forest plan riparian standards and guidelines. Management strategies should move degraded riparian vegetation toward good condition as soon as possible. Damage to riparian vegetation, stream banks, and channels should be prevented.	Addressed in plan components and/or management approaches.	FW-WFP-DC-2, FW-WFP-G-1, FW-WFP-MgtApp-A, FW-WFP-MgtApp-E
65-5	Domestic Livestock Grazing: Implement forest plan forage utilization standards and guidelines to maintain owl prey availability, maintain potential for beneficial fire while inhibiting potential destructive fire, maintain and restore riparian ecosystems, and promote development of owl habitat. Strive to attain good to excellent range conditions.	Addressed in plan components and/or management approaches.	FW-Graz-G-2, FW-WFP-DC-2, FW-WFP-G-1, FW-WFP-MgtApp-A, FW-WFP-MgtApp-E
65-5	Old-growth: Except where otherwise noted, implement forest plan old-growth standards and guidelines to maintain and promote development of owl habitat.	Addressed in plan components and/or management approaches.	FW-TerrERU-MC-All-G-2, FW-TerrERU-MC-All-G-3, FW-TerrERU-MC-MCFF-DC-10, FW-TerrERU-MC-MCFF-DC-2, FW-TerrERU-MC-MCFF-DC-7, FW-TerrERU-MC-MCIF-DC-2, FW-TerrERU-PP-DC-13, FW-TerrERU-PP-DC-6, FW-TerrERU-PP-DC-9, FW-TerrERU-PP-G-1, FW-TerrERU-PP-G-2, FW-TerrERU-PP-G-3, FW-TerrERU-PP-G-4, FW-WFP-DC-2, FW-WFP-G-1, FW-WFP-MgtApp-A, FW-WFP-MgtApp-E

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Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
65-5	Apply ecosystem approaches to manage for landscape diversity mimicking natural disturbance patterns, incorporating natural variation in stand conditions and retaining special features such as snags and large trees, utilizing appropriate fires, and retention of existing old-growth in accordance with forest plan old-growth standards and guidelines.	Addressed in plan components and/or management approaches.	FW-TerrERU-MC-MCFF-DC-4, FW-TerrERU-MC-MCFF-DC-5, FW-TerrERU-MC-MCIF-DC-4, FW-TerrERU-MC-MCIF-DC-7, FW-TerrERU-PP-DC-2, FW-TerrERU-PP-DC-3, FW-WFP-DC-2, FW-WFP-G-1, FW-WFP-MgtApp-A, FW-WFP-MgtApp-E
65-7	Survey the management analysis area prior to habitat modifying activities including a 1/2 mile beyond the boundary.	Addressed in plan components and/or management approaches.	FW-WFP-G-3, FW-WFP-MgtApp-A, FW-WFP-MgtApp-E
65-7	Establish, and delineate on a map, a post-fledging family area that includes six nesting areas per pair of nesting goshawks for known nest sites, old nest sites, areas where historical data indicates goshawks have nested there in the past, and where goshawks have been repeatedly sighted over a two year or greater time period but no nest sites have been located.	Addressed in plan components and/or management approaches.	FW-WFP-G-14
65-7	Manage for uneven-age stand conditions for live trees and retain live reserve trees, snags, downed logs, and woody debris levels through out woodland, ponderosa pine, mixed conifer and spruce-fir forest cover types. Manage for old age trees such that as much old forest structure as possible is sustained over time across the landscape. Sustain a mosaic of vegetation densities (overstory and understory), age classes and species composition across the landscape. Provide foods and cover for goshawk prey.	Addressed in plan components and/or management approaches.	FW-TerrERU-MC-All-DC-1, FW-TerrERU-MC-All-DC-4, FW-TerrERU-MC-MCFF-DC-9, FW-TerrERU-MC-MCIF-DC-8, FW-TerrERU-PP-DC-1, FW-TerrERU-PP-DC-12, FW-TerrERU-PP-DC-2, FW-TerrERU-SF-DC-1, FW-TerrERU-SF-DC-10
65-7	Limit human activity in nesting areas during the breeding season.	Addressed in plan components and/or management approaches.	FW-RdsFac-MgtApp-I, FW-WFP-DC-11, FW-WFP-G-11, FW-WFP-G-2, FW-WFP-G-8, FW-WFP-MgtApp-E, FW-WFP-MgtApp-F
65-7	Manage the ground surface layer to maintain satisfactory soil conditions i.e. to minimize soil compaction; and to maintain hydrologic and nutrient cycles.	Addressed in plan components and/or management approaches.	FW-Soil-DC-1, FW-Soil-DC-2, FW-Soil-DC-3, FW-Soil-DC-4, FW-Soil-G-2, FW-Soil-O-1

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Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
65-7	When activities conducted in conformance with these standards and guidelines may adversely affect other threatened, endangered, or sensitive species or may conflict with other established recovery plans or conservation agreements; consult with US Fish and Wildlife Service to resolve the conflict.	Addressed in plan components and/or management approaches.	FW-WFP-MgtApp-A, FW-WFP-S-1
65-8	Emphasize maintenance and restoration of healthy riparian ecosystems through conformance with forest plan riparian standards and guidelines. Management strategies should restore degraded riparian areas to good condition as soon as possible. Damage to riparian vegetation, stream banks, and channels should be prevented.	Addressed in plan components and/or management approaches.	FW-Rip-All-DC-1, FW-Rip-All-DC-3, FW-Rip-All-DC-5, FW-Rip-All-G-1, FW-Rip-All-G-2, FW-Rip-All-G-3, FW-Rip-All-MgtApp-A
65-8	Post-fledging family areas (PFA) will be approximately 600 acres in size. Post-fledging family areas will include the nest sites and consist of the habitat most likely to be used by the fledglings during their early development.	Addressed in plan components and/or management approaches.	FW-WFP-G-14
65-9	Establish a minimum of three nest areas and three replacement nest areas per postfledging family area. The nest areas and replacement nest areas should be approximately 30 acres in size. A minimum total of 180 acres of nest areas should be identified within each post-fledging family area.	Addressed in plan components and/or management approaches.	FW-WFP-G-14
65-9	Nest site selection will be based first on using active nest sites followed by the most recently used historical nest areas. When possible, all historical nest areas should be maintained.	Addressed in plan components and/or management approaches.	FW-WFP-G-14
65-9	Manage for nest replacement sites to attain sufficient quality and size to replace the three suitable nest sites.	Addressed in plan components and/or management approaches.	FW-WFP-G-14
65-9	General: Snags are 18" or larger DBH and 30 feet or larger in height, downed logs are 12 inches in diameter and at least 8 feet long, woody debris is 3 inches or larger on the forest floor, canopy cover is measured with vertical crown projection on average across the landscape.	Addressed in plan components and/or management approaches.	FW-TerrERU-MC-MCFF-DC-3, FW-TerrERU-MC-MCIF-DC-2, FW-TerrERU-MC-MCIF-DC-3, FW-TerrERU-PP-DC-5, FW-TerrERU-SF-DC-3

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Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
65-9	Spruce-Fir: Canopy cover for mid-aged forest (VSS 4) should average 1/3 60% and 2/3 40%, mature forest (VSS 5) should average 60+%, and old forest (VSS 6) should average 60+%. Maximum opening size is 1 acre with a maximum width of 125 feet. Provide two groups of reserve trees per acre with six trees per group when opening size exceeds 0.5. Leave at least 3 snags, 5 downed logs, and 10-15 tons of woody debris per acre.	Addressed in plan components and/or management approaches.	FW-TerrERU-SF-DC-7
65-10	Mixed Conifer: Canopy cover for mid-aged forest (VSS 4) should average 1/3 60+% and 2/3 40+%, mature forest (VSS 5) should average 50+%, and old forest (VSS 6) should average 60+%. Maximum opening size is up to 4 acres with a maximum width of up to 200 feet. Retain one group of reserve trees per acre of 3-5 trees per group for openings greater than 1 acre in size. Leave at least 3 snags, 5 downed logs, and 10-15 tons of woody debris per acre.	Addressed in plan components and/or management approaches.	FW-TerrERU-MC-MCFF-DC-1, FW-TerrERU-MC-MCFF-DC-3, FW-TerrERU-MC-MCIF-DC-1, FW-TerrERU-MC-MCIF-DC-2
65-10	Ponderosa Pine: Canopy Cover for mid-aged forest (VSS 4) should average 40+%, mature forest (VSS 5) should average 40+%, and old forest (VSS 6) should average 40+%. Opening size is up to 4 acres with a maximum width of up to 200 feet. One group of reserve trees, 3-5 trees per group, will be left if the opening is greater than an acre in size. Leave at least 2 snags per acre, 3 downed logs per acre, and 5-7 tons of woody debris per acre.	Addressed in plan components and/or management approaches.	FW-TerrERU-PP-DC-4, FW-TerrERU-PP-DC-5
65-10	General: Provide for a healthy sustainable forest environment for the post-fledging family needs of goshawks. The principle difference between within the post-fledging family area and outside the post-fledging family area is the higher canopy cover within the post-fledging family area and smaller opening size within the post-fledging family area. Vegetative Structural Stage distribution and structural conditions are the same within and outside the post-fledging family area.	Addressed in plan components and/or management approaches.	FW-TerrERU-MC-MCFF-DC-9, FW-TerrERU-MC-MCIF-DC-8, FW-TerrERU-PP-DC-12, FW-TerrERU-SF-DC-10
65-10	General: Provide unique nesting habitat conditions for goshawks. Important features include trees of mature to old age with high canopy cover.	Addressed in plan components and/or management approaches.	FW-TerrERU-MC-All-DC-4, FW-TerrERU-MC-MCFF-DC-9, FW-TerrERU-MC-MCIF-DC-8, FW-TerrERU-PP-DC-12, FW-TerrERU-SF-DC-10, FW-WFP-G-14
65-11	Spruce-fir, Mixed Conifer and Ponderosa Pine Cover Types: The nesting area contains only mature to old forest (VSS 5 & 6) having a canopy cover (measured vertically) between 50-70% with mid-aged VSS 6 trees 200-300 years old. Non-uniform spacing of trees and clumpiness is desirable.	Addressed in plan components and/or management approaches.	FW-TerrERU-MC-MCFF-DC-9, FW-TerrERU-MC-MCIF-DC-8, FW-TerrERU-PP-DC-12, FW-TerrERU-SF-DC-10

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65-11	Limit human activities in or near nest sites and post-fledging family area's during the breeding season so that goshawk reproductive success is not affected by human activities.	Addressed in plan components and/or management approaches.	FW-RdsFac-MgtApp-I, FW-WFP-DC-11, FW-WFP-G-11, FW-WFP-G-8, FW-WFP-MgtApp-E, FW-WFP-MgtApp-F
65-11	Low intensity ground fires are allowed at any time in all forested cover types, but high intensity crown fires are not acceptable in the post-fledging family area or nest areas. Avoid burning the entire home range of a goshawk pair in a single year. For fires planned in the occupied nest area, a fire management plan should be prepared. The fire management plan should minimize the risk of goshawk abandonment while low intensity ground fire burns in the nesting area. Prescribed fire within nesting areas should be planned to move with prevailing winds away from the nest tree to minimize smoke and risk of crown fire developing and driving the adults off or consuming the nest tree.	Addressed in plan components and/or management approaches.	FW-Fire-DC-2, FW-Fire-G-2, FW-TerrERU-All-G-2, FW-WFP-G-2, FW-WFP-G-9
65-11	Manage road densities at the lowest level possible. Where timber harvesting has been prescribed to achieve desired forest condition, use small, skid trails in lieu of roads.	Addressed in plan components and/or management approaches.	FW-Fprod-G-1, FW-RdsFac-DC-2, FW-RdsFac-DC-3, FW-RdsFac-G-1, FW-RdsFac-MgtApp-D, FW-WFP-G-13
65-12	Give priority to maintaining structures for threatened and endangered species.	Addressed in plan components and/or management approaches.	FW-WFP-DC-2, FW-WFP-G-1, FW-WFP-S-1
65-12	Protect occupied Cimicifuga arizonica habitat. Restrict ground disturbing activities within the habitat and provide shade needed for perpetuation of the species. Fence and/or relocate trails where necessary to protect occupied habitat.	Addressed in plan components and/or management approaches.	FW-WFP-DC-1, FW-WFP-DC-2, FW-WFP-G-10, FW-WFP-G-2, FW-WFP-G-3

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Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
65-12	Consult and cooperate with Arizona Game and Fish Department (AGFD) to at least achieve habitat management goals and objectives specified in the Arizona Wildlife and Fisheries Comprehensive Plans and strategic plans. Work with AGFD to fully consider opportunities for increasing habitat capacity above the objectives specified in the Comprehensive Plans and strategic plans. Where habitat capacity can reasonably be increased above the objectives specified in the Comprehensive Plan without adversely affecting other resources and uses, work with AGFD to fully consider these opportunities. Implement where determined appropriate through the environmental analysis process. Cooperate with the Fish and Wildlife Service and other agencies and organizations as the need arises. Cooperate with AGFD in evaluating proposals for reintroducing extirpated species into suitable habitat and on fish stocking and public access for fishing. Cooperate with the AGFD to prevent and/or remove unapproved introduced species.	Addressed in plan components and/or management approaches.	FW-WFP-MgtApp-A
65-12	In cooperation with AGFD pursue the possibility of a Sikes Act program to provide user funds for habitat improvement.	Addressed in plan components and/or management approaches.	FW-WFP-MgtApp-A
66	Provide timely public information about closures, fire danger, and other needed information to the AGFD for use in preparation of annual hunt brochures and in weekly news releases during hunting season.	Addressed in plan components and/or management approaches.	FW-WFP-MgtApp-B, FW-WFP-MgtApp-C
66	Improve vegetation conditions through seeding a mixture of species of grass, forbs, forage, and browse species desirable to wildlife.	Addressed in plan components and/or management approaches.	FW-TerrERU-All-G-3, FW-WFP-DC-1, FW-WFP-DC-3, FW-WFP-DC-5, FW-WFP-DC-8, FW-WFP-G-3, FW-WFP-MgtApp-D
66	Improve forage conditions by using prescribed fire where environmental analysis shows beneficial effects and in line with approved burning plans.	Addressed in plan components and/or management approaches.	FW-Fire-G-2, FW-TerrERU-All-G-1, FW-TerrERU-All-MgtApp-A, FW-WFP-G-3
66	Manage forage to increase threatened and endangered species and management indicator species where it is determined appropriate through the IRM and NEPA process.	Addressed in plan components and/or management approaches.	FW-Graz-G-1, FW-Graz-G-2, FW-WFP-DC-2, FW-WFP-DC-3, FW-WFP-G-1, FW-WFP-G-2, FW-WFP-G-3, FW-WFP-MgtApp-D

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Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
66	Improve T&E and sensitive species habitat. Improvement projects give priority to recovery of T&E species. Conform to approved recovery plans.	Addressed in plan components and/or management approaches.	FW-WFP-DC-2, FW-WFP-G-1, FW-WFP-O-1, FW-WFP-S-1
66	Develop wildlife waters where needed in accordance with approved plans and fence where necessary to protect wildlife values. Waters in openings shall be located not more than one-quarter mile from the edge of an opening.	Addressed in plan components and/or management approaches.	FW-ConstWat-DC-1, FW-ConstWat-DC-2, FW-ConstWat-G-2, FW-Graz-G-6, FW-WFP-DC-2, FW-WFP-DC-6, FW-WFP-DC-8, FW-WFP-G-5
66	Construct raptor perch, roost, and nest structures where applicable to improve habitat.	Addressed in plan components and/or management approaches.	FW-WFP-DC-8, FW-WFP-G-3, FW-WFP-MgtApp-B, FW-WFP-MgtApp-D
66	Install structures, such as gates or barriers, necessary to manage roads to limit or restrict access into key big game winter range and bald eagle nesting and wintering areas. Follow with appropriate administration and enforcement.	Addressed in plan components and/or management approaches.	FW-RdsFac-MgtApp-I, FW-Rec-All-G-1, FW-WFP-DC-11, FW-WFP-G-6, FW-WFP-G-8, FW-WFP-MgtApp-F, FW-WFP-S-2

Range

Range			
Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
66-1	Forage use by grazing ungulates will be maintained at or above a condition which assures recovery and continued existence of threatened and endangered species.	Addressed in plan components and/or management approaches.	FW-Graz-DC-2, FW-Graz-G-1, FW-Graz-G-2, FW-WFP-DC-2, FW-WFP-G-3
66-1	In consultation with US Fish and Wildlife Service, develop site-specific forage use levels. In the event that site-specific information is not available, average key species forage utilization in key forage monitoring areas by domestic livestock and wildlife should not exceed levels in the following table during the forage growing season.	Addressed in plan components and/or management approaches.	FW-Graz-DC-3, FW-Graz-G-1, FW-Graz-MgtApp-A, FW-WFP-DC-1, FW-WFP-DC-2, FW-WFP-DC-3, FW-WFP-DC-4, FW-WFP-MgtApp-A
67	Range cooperation with agencies and groups is encouraged. Coordinate range activities with outside, local, State and Federal agencies, and groups.	Addressed in plan components and/or management approaches.	FW-Graz-MgtApp-A, FW-Graz-MgtApp-B
67	Permitted use and capacities are maintained in balance for the allotments by increasing or decreasing numbers of livestock, by changing the management intensity levels, and by initiating changes in livestock class, season of use, and rotation patterns.	Addressed in plan components and/or management approaches.	FW-Graz-DC-2, FW-Graz-DC-3, FW-Graz-G-1, FW-Graz-G-2, FW-Graz-MgtApp-A, FW-Graz-MgtApp-B
67	Revise and update AMP'S at least every 10 years to the Regional standards in FSH 2209.21. Management systems are designed to provide multiple-use management. The integrated resource management (IRM) approach is used during the environmental analysis of AMP's. The scoping portion of IRM will include an interdisciplinary analysis with input from potentially affected and interested parties. Issues that are significant and need to be included in further analysis will be identified. As a minimum the following areas will be considered to determine whether they contain significant issues: range condition, riparian condition, watershed condition, economic feasibility, practicality of implementation, wildlife habitat, recreation opportunity spectrum, timber management, and resource access and travel management.	Reference to controlling authority not repeated in plan component, but proposed revised plan includes additional direction related to this topic.	FW-Graz-DC-2, FW-Graz-MgtApp-C
68	Waterlots are left open to wildlife for free access except when controlling livestock distribution through water accessibility and when soil moisture conditions adversely affect fence stability.	Addressed in plan components and/or management approaches.	FW-Graz-G-6

Range			
Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
68	During summer months, leave water in livestock troughs for wildlife use after domestic animals have been removed from the grazing unit. In winter months in key wildlife winter ranges, provide water where freezing will not damage facilities. Bubblers are used to prevent freezing.	Addressed in plan components and/or management approaches.	FW-ConstWat-DC-1, FW-ConstWat-DC-2, FW-ConstWat-G-2, FW-Graz-G-2, FW-Graz-G-6, FW-Graz-MgtApp-A, FW-Graz-MgtApp-B
68	Salt is used to help achieve proper livestock grazing distribution. Permanent salt is not placed within 1/4 of a mile of the edge of any riparian area or tree plantation. Temporary salting may be approved if it will help to achieve a specific management objective for enhancement of riparian areas.	Addressed in plan components and/or management approaches.	FW-Graz-G-5, FW-Graz-MgtApp-A, FW-Graz-MgtApp-B
68	Analyze range structural improvements to determine whether they are needed during the preparation of the AMP'S. Reconstruct only those improvements that are needed. Remove improvements no longer needed and restore the area as appropriate, e.g., old fence is picked up and removed, discontinued fences are completely removed, and ineffective stock tanks returned to production following transfer of water rights.	Addressed in plan components and/or management approaches.	FW-Graz-G-4, FW-Graz-MgtApp-A, FW-Graz-MgtApp-B
69	On open storage tanks and drinkers provide entry and escape ramps for wildlife.	Addressed in plan components and/or management approaches.	FW-Graz-MgtApp-D, FW-Graz-S-1
69	When existing allotment boundary, Forest boundary, and water lot fences need to be reconstructed or new fences are built, they shall consist of four wires, with the top wire being at least 38 inches but no more than 42 inches above the ground. The bottom wire will be smooth twisted and at least 18 inches above the ground. Highway right-of-way fences will meet highway fence standards.	Addressed in plan components and/or management approaches.	FW-Graz-DC-2, FW-Graz-G-2, FW-Graz-G-4, FW-Graz-MgtApp-A, FW-Graz-MgtApp-B, FW-WFP-G-5
69	Interior fences in an allotment are generally three wire fences with the bottom wire smooth and conform to the above height restrictions. Install antelope passes, let-down fences, electric fences, or elk jumps wherever necessary to improve wildlife travelways.	Addressed in plan components and/or management approaches.	FW-Graz-DC-2, FW-Graz-G-2, FW-Graz-G-4, FW-Graz-MgtApp-A, FW-Graz-MgtApp-B, FW-WFP-G-5

Range			
Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
69	Evaluate proposed earthen stock tank sites for location, adequacy, soil suitability, efficient use of the water resource, and legal requirements. Design structures built in drainages to meet appropriate flood occurrence intervals. Assure that on new stock tanks appropriate documents for construction and water rights application are filed in a timely manner and according to State law.	Addressed in plan components and/or management approaches.	FW-ConstWat-G-1, FW-Graz-DC-2, FW-Graz-G-4, FW-Graz-MgtApp-A, FW-Graz-MgtApp-B
69	Establish woody riparian vegetation as defined in FSH 2509.23 in wet meadows and other riparian areas. Control livestock grazing through management and/or fencing to establish vegetation and eliminate overuse.	Addressed in plan components and/or management approaches.	FW-Graz-DC-2, FW-Graz-G-2, FW-Graz-G-7, FW-Graz-MgtApp-A, FW-Graz-MgtApp-B

Timber

Timber			
Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
70	Monitor insect and disease activities on all lands annually, including both suitable and unsuitable. Evaluate the extent to which insect and disease control measures are needed to protect either the suitable or unsuitable areas.	Addressed in plan components and/or management approaches.	FW-Eco-DC-4, FW-Invas-DC-1, FW-Invas-DC-2, FW-Invas-MgtApp-A
70	Habitat requirements for threatened, endangered, and sensitive species take precedence over insect and disease control.	Addressed in plan components and/or management approaches.	FW-Invas-G-2, FW-WFP-DC-2, FW-WFP-G-4, FW-WFP-S-1
70	Cuts are designed to eliminate or reduce dwarf mistletoe infections to manageable levels.	Addressed in plan components and/or management approaches.	FW-Fprod-DC-1, FW-Fprod-DC-2, FW-TerrERU-All-DC-2, FW-TerrERU-MC-All-DC-4, FW-TerrERU-MC-All-MgtApp-A, FW-TerrERU-MC-MCFF-DC-4, FW-TerrERU-MC-MCIF-DC-4, FW-TerrERU-PP-DC-2, FW-TerrERU-PP-DC-9, FW-TerrERU-PP-MgtApp-B

	Timber		
Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
70	Establish and maintain stand diversity through ISM to provide suitable habitat for wildlife in lands suitable for timber production, while maintaining or enhancing timber resource production and timber age class distribution (regulation). See specific management areas for Standards and Guidelines.	Addressed in plan components and/or management approaches.	FW-Fprod-DC-1, FW-Fprod-DC-2, FW-Fprod-G-1, FW-WFP-DC-1, FW-WFP-DC-2, FW-WFP-G-3
70	Combine compartments to form an identifiable block approximately 10,000 acres in size. A range of 8,000 to 12,000 acres is acceptable. Individual blocks may be larger or smaller if approved by the Forest Supervisor.	Addressed in plan components and/or management approaches.	FW-TerrERU-MC-All-DC-1, FW-TerrERU-MC-MCFF-DC-1, FW-TerrERU-MC-MCFF-DC-10, FW-TerrERU-MC-MCFF-DC-2, FW-TerrERU-MC-MCFF-DC-6, FW-TerrERU-MC-MCFF-DC-7, FW-TerrERU-MC-MCIF-DC-1, FW-TerrERU-MC-MCIF-DC-2, FW-TerrERU-MC-MCIF-DC-5, FW-TerrERU-MC-MCIF-DC-9, FW-TerrERU-PP-DC-1, FW-TerrERU-PP-DC-4, FW-TerrERU-PP-DC-6, FW-TerrERU-PP-DC-9, FW-TerrERU-PP-G-1, FW-TerrERU-PP-G-2, FW-TerrERU-PP-G-3

	Timber		
Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
70	Standards and Guidelines are applied on a 10K Block basis rather than on an individual timber sale or project basis.	Addressed in plan components and/or management approaches.	FW-TerrERU-MC-All-DC-1, FW-TerrERU-MC-MCFF-DC-1, FW-TerrERU-MC-MCFF-DC-10, FW-TerrERU-MC-MCFF-DC-2, FW-TerrERU-MC-MCFF-DC-6, FW-TerrERU-MC-MCFF-DC-7, FW-TerrERU-MC-MCIF-DC-1, FW-TerrERU-MC-MCIF-DC-2, FW-TerrERU-MC-MCIF-DC-5, FW-TerrERU-MC-MCIF-DC-9, FW-TerrERU-PP-DC-1, FW-TerrERU-PP-DC-13, FW-TerrERU-PP-DC-4, FW-TerrERU-PP-DC-6, FW-TerrERU-PP-DC-9, FW-TerrERU-PP-G-1, FW-TerrERU-PP-G-2, FW-TerrERU-PP-G-3
70-1	Until the forest plan is revised, allocate no less than 20 percent of each forested ecosystem management area to old-growth as depicted in the table below.	Addressed in plan components and/or management approaches.	FW-TerrERU-MC-All-G-2, FW-TerrERU-MC-All-G-3, FW-TerrERU-MC-MCFF-DC-10, FW-TerrERU-MC-MCFF-DC-2, FW-TerrERU-MC-MCFF-DC-7, FW-TerrERU-MC-MCIF-DC-2, FW-TerrERU-PP-DC-13, FW-TerrERU-PP-DC-6, FW-TerrERU-PP-DC-9, FW-TerrERU-PP-G-1, FW-TerrERU-PP-G-2, FW-TerrERU-PP-G-3, FW-TerrERU-PP-G-4

	Timber		
Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
70-1	In the long term, manage old-growth in patterns that provide for a flow of functions and interactions at multiple scales across the landscape through time.	Addressed in plan components and/or management approaches.	FW-TerrERU-MC-All-G-2, FW-TerrERU-MC-All-G-3, FW-TerrERU-MC-MCFF-DC-10, FW-TerrERU-MC-MCFF-DC-2, FW-TerrERU-MC-MCFF-DC-7, FW-TerrERU-MC-MCIF-DC-2, FW-TerrERU-PP-DC-13, FW-TerrERU-PP-DC-6, FW-TerrERU-PP-DC-9, FW-TerrERU-PP-G-1, FW-TerrERU-PP-G-2, FW-TerrERU-PP-G-3, FW-TerrERU-PP-G-4
70-1	Allocations will consist of landscape percentages meeting old-growth conditions and not specific acres.	Addressed in plan components and/or management approaches.	FW-TerrERU-MC-All-G-2, FW-TerrERU-MC-All-G-3, FW-TerrERU-MC-MCFF-DC-10, FW-TerrERU-MC-MCFF-DC-2, FW-TerrERU-MC-MCFF-DC-7, FW-TerrERU-MC-MCIF-DC-2, FW-TerrERU-PP-DC-13, FW-TerrERU-PP-DC-6, FW-TerrERU-PP-DC-9, FW-TerrERU-PP-G-1, FW-TerrERU-PP-G-2, FW-TerrERU-PP-G-3, FW-TerrERU-PP-G-4
70-1	All analyses should be at multiple scales - one scale above and one scale below the ecosystem management areas. The amount of old-growth can be provided and maintained will be evaluated at the ecosystem management area level and be based on forest type, site capability, and disturbance regimes.	Addressed in plan components and/or management approaches.	FW-TerrERU-MC-All-G-2, FW-TerrERU-MC-All-G-3, FW-TerrERU-MC-MCFF-DC-10, FW-TerrERU-MC-MCFF-DC-2, FW-TerrERU-MC-MCFF-DC-7, FW-TerrERU-MC-MCIF-DC-2, FW-TerrERU-PP-DC-13, FW-TerrERU-PP-DC-6, FW-TerrERU-PP-DC-9, FW-TerrERU-PP-G-1, FW-TerrERU-PP-G-2, FW-TerrERU-PP-G-3, FW-TerrERU-PP-G-4

	Timber		
Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
70-1	Strive to create or sustain as much old-growth compositional, structural, and functional flow as possible over time at multiple-area scales. Seek to develop or retain old-growth function on at least 20 percent of the naturally forested area by forest type in any landscape.	Addressed in plan components and/or management approaches.	FW-TerrERU-MC-All-G-2, FW-TerrERU-MC-All-G-3, FW-TerrERU-MC-MCFF-DC-10, FW-TerrERU-MC-MCFF-DC-2, FW-TerrERU-MC-MCFF-DC-7, FW-TerrERU-MC-MCIF-DC-2, FW-TerrERU-PP-DC-13, FW-TerrERU-PP-DC-6, FW-TerrERU-PP-DC-9, FW-TerrERU-PP-G-1, FW-TerrERU-PP-G-2, FW-TerrERU-PP-G-3, FW-TerrERU-PP-G-4
70-1	Consider the effects of spatial arrangement on old-growth function, from groups to landscapes, including de facto allocations to old-growth such as goshawk nest sites, Mexican spotted owl protected activity centers, sites protected for species behavior associated with old-growth, wilderness, research natural areas, and other forest structures managed for old-growth function.	Addressed in plan components and/or management approaches.	FW-TerrERU-MC-All-G-2, FW-TerrERU-MC-All-G-3, FW-TerrERU-MC-MCFF-DC-10, FW-TerrERU-MC-MCFF-DC-2, FW-TerrERU-MC-MCFF-DC-7, FW-TerrERU-MC-MCFF-DC-9, FW-TerrERU-PP-DC-12, FW-TerrERU-PP-DC-13, FW-TerrERU-PP-DC-6, FW-TerrERU-PP-DC-9, FW-TerrERU-PP-G-1, FW-TerrERU-PP-G-2, FW-TerrERU-PP-G-3, FW-TerrERU-PP-G-4, FW-WFP-DC-7
70-1	In allocating old-growth and making decisions about old-growth management, use appropriate information about the relative risks to sustaining old-growth function at the appropriate scales, due to natural and human-caused events.	Addressed in plan components and/or management approaches.	FW-TerrERU-MC-All-G-2, FW-TerrERU-MC-MCFF-DC-10, FW-TerrERU-MC-MCFF-DC-2, FW-TerrERU-MC-MCFF-DC-7, FW-TerrERU-MC-MCIF-DC-2, FW-TerrERU-PP-DC-13, FW-TerrERU-PP-DC-2, FW-TerrERU-PP-DC-6, FW-TerrERU-PP-DC-9, FW-TerrERU-PP-G-1

	Timber		
Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
70-2	The Minimum Criteria for the Structural Attributes Used to Determine Old-Growth Forest Cover Type, Name Piñon;Juniper Interior Aspen Mixed-Species Englemann Spruce Sub Forest Cover Type, SAF Code 239 237 217 210,211,216,219 206,209 Site Capability Potential Break Between Low and High Site 55 Minor 50 Douglas-fir 50 Englemann Spruce Site Low High Low High All Low High Low High 1. Live Trees in Main Canopy: Trees/Acres DBH/DRC Age (Years) 12 9” 150 30 12” 200 20 14” 180 20 18” 180 20 14” 100 12 18” 150 16 20” 150 20 10” 140*/1 70** 30 14” 140*/1 70** 2. Variation in Tree Diameters (Yes or No) ND ND ND ND No ND ND ND ND 3. Dead Trees Standing Trees/Acre Size DBH/DRC Height (feet) Down Pieces/Acre Size (Diameter) Length (Feet) 0.5* 9” 8’ 2 9” 8’ 1 10” 10’ 2** 10” 10’ 1 14” 15’ 2 12” 15’ 1 14” 25’ 2 12” 15’ ND 10” ND ND ND ND 2.5 14” 20’ 4 12” 16’ 2.5 16” 25’ 4 12” 16’ 3 12” 20’ 5 12” 16’ 4 16” 30’ 5 12” 16’ 4. Tree Decadence Trees/Acre ND ND ND ND ND ND ND ND ND 5. Number of tree canopies SS/MS SS/MS SS/MS SS/MS SS SS/MS SS/MS SS/MS SS/MS 6. Total BA, Square Feet/Acre 6 24 70 90 ND 80 100 120 140 7. Total Canopy Cover, Percent 20 35 40 50 50 50 60 60 70	Addressed in plan components and/or management approaches.	FW-TerrERU-AspMpl-DC-3, FW-TerrERU-MC-MCFF-DC-1, FW-TerrERU-MC-MCFF-DC-10, FW-TerrERU-MC-MCFF-DC-2, FW-TerrERU-MC-MCFF-DC-3, FW-TerrERU-MC-MCFF-DC-7, FW-TerrERU-MC-MCFF-DC-8, FW-TerrERU-MC-MCFF-DC-9, FW-TerrERU-MC-MCIF-DC-1, FW-TerrERU-MC-MCIF-DC-2, FW-TerrERU-MC-MCIF-DC-3, FW-TerrERU-MC-MCIF-DC-5, FW-TerrERU-MC-MCIF-DC-6, FW-TerrERU-PJ-DC-10, FW-TerrERU-PJ-DC-11, FW-TerrERU-PJ-DC-12, FW-TerrERU-PJ-DC-2, FW-TerrERU-PJ-DC-4, FW-TerrERU-PJ-DC-5, FW-TerrERU-PJ-DC-7, FW-TerrERU-PJ-DC-9, FW-TerrERU-PP-DC-13, FW-TerrERU-PP-DC-2, FW-TerrERU-PP-DC-5, FW-TerrERU-PP-DC-6, FW-TerrERU-PP-DC-8, FW-TerrERU-PP-DC-9, FW-TerrERU-PP-G-3, FW-TerrERU-SF-DC-2, FW-TerrERU-SF-DC-3, FW-TerrERU-SF-DC-7
71	Wildlife habitat objectives for each 10K Block are evaluated on an individual stand basis as well as for the entire block.	Addressed in plan components and/or management approaches.	FW-WFP-DC-1, FW-WFP-DC-2, FW-WFP-DC-3, FW-WFP-DC-4, FW-WFP-DC-5, FW-WFP-DC-6, FW-WFP-DC-7, FW-WFP-G-3

Timber			
Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
71	Evaluate the need for wildlife forage in the 10K Blocks using the Habitat Capability Index, other available data and professional judgment and, where needed, adjust prescriptions to obtain it. These areas are stands of up to 10 acres with reduced GSL.	Addressed in plan components and/or management approaches.	FW-WFP-DC-1, FW-WFP-DC-2, FW-WFP-DC-3, FW-WFP-G-3

Watershed

Watershed			
Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
71	Ensure compliance with PL 92-500 "Federal Water Pollution Control Act" and Arizona Water Quality Standards through the implementation of Best Management Practices (BMP) to prevent water quality degradation.	Addressed in plan components and/or management approaches.	FW-Soil-G-1, FW-Water-DC-6, FW-Water-DC-7, FW-Water-G-4, MA-LkMary-MgtApp-C
71	Plan for appropriate filter strips adjacent to streamcourses and/or riparian areas, as determined through the IRM process. A filter strip is an area of vegetation and forest litter located adjacent to streamcourse and/or riparian areas for the purpose of filtering sediment, providing bank stability, and in tree/shrub ecosystems providing shade for fisheries habitat. The ability of the strip to trap and filter sediments is a function of the amount and type of material on the ground, and width and slope of the strip. The ability of the strip to provide shade over perennial streams is dependent on the height of the vegetation and orientation of the stream with respect to the sun. Filter strip widths provided below are for average ground cover conditions. Significant topographic changes, such as abrupt canyon edges may be used as boundaries for filter strips, as long as ground disturbing activities beyond the canyon walls do not influence water quality. The table below should be used as a guide for determining filter strip width. Erosion hazard is defined as the risk of erosion and sedimentation that is based on slope, soil type, and the amount and type of material on the ground that is able to trap eroded material.	Addressed in plan components and/or management approaches.	FW-Rip-All-G-3, FW-Rip-All-MgtApp-A, FW-Rip-Strm-G-2, FW-Rip-Strm-MgtApp-A

	Watershed		
Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
72	FILTER STRIP TABLE - NONRIPARIAN STREAMCOURSES Erosion Hazard Filter Strip Slope Distance Severe 1.5 chains on each side of streamcourse Moderate 1.0 chains on each side of streamcourse Slight 0.5 chains on each side of streamcourse - Limited skidding may occur within the filter strip of nonriparian streamcourses as long as the ability to function as a filter strip is maintained. - Landings, decking areas, machine piling, skid trails, and roads (except at designated crossings) are planned outside of the filter strip of nonriparian streamcourses.	Addressed in plan components and/or management approaches.	FW-Rip-All-MgtApp-A, FW-Rip-Strm-G-2
72	FILTER STRIP TABLE - RIPARIAN STREAMCOURSES Erosion Hazard Filter Strip Slope Distance Severe 2.0 chains on each side of streamcourse Moderate 1.5 chains on each side of streamcourse Slight 1.0 chains on each side of streamcourse - Directional falling and end-lining of logs out of the filter strip without crossing the streamcourse may occur. - Landings, decking areas, machine piling, limited skidding, skid trails, and roads (except at designated crossings) are planned outside of the filter strip of riparian streamcourses.	Addressed in plan components and/or management approaches.	FW-Rip-All-G-3, FW-Rip-All-MgtApp-A
72	Designate stream courses and riparian areas to receive protection during projects such as timber sales and road work. As a minimum, those streams shown on 7-1/2 minute quads as stream courses are evaluated for the need to be designated stream courses.	Addressed in plan components and/or management approaches.	FW-Fprod-G-1, FW-RdsFac-G-1, FW-Rip-All-G-3, FW-Rip-All-MgtApp-A, FW-Rip-Strm-DC-1, FW-Rip-Strm-G-1, FW-Rip-Strm-G-2, FW-Rip-Strm-MgtApp-A
72	Existing wood debris in stream channels is not disturbed unless designated for removal as a special project to improve stream channel conditions.	Addressed in plan components and/or management approaches.	FW-Rip-All-DC-1, FW-Rip-All-DC-5, FW-Rip-Strm-DC-4
72	Logging and other debris that gets into stream channels is removed to above the high water mark before winter rains and snows begin except when an environmental analysis shows that the debris can be effectively used to improve fisheries habitat.	Addressed in plan components and/or management approaches.	FW-Fprod-G-1, FW-RdsFac-G-1, FW-Rip-Strm-DC-1, FW-WFP-G-3

	Watershed		
Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
72	Locate new roads out of stream courses and water-collecting features such as swales. Relocate roads out of bottom positions and obliterate poorly located segments as they are identified.	Addressed in plan components and/or management approaches.	FW-RdsFac-G-1, FW-RdsFac-G-2, FW-RdsFac-G-5, FW-RdsFac-MgtApp-J, FW-Rip-Strm-DC-1, FW-Rip-Strm-G-1, FW-Rip-Strm-G-2, FW-Rip-Strm-MgtApp-A
72	Provide adequate road drainage to prevent concentrated flow and sedimentation.	Addressed in plan components and/or management approaches.	FW-RdsFac-DC-2, FW-RdsFac-G-2, FW-RdsFac-G-5, FW-Rip-Strm-G-1
72	Maintain at least 80 percent of the potential crown cover in the riparian area.	Addressed in plan components and/or management approaches.	FW-Rip-All-DC-1, FW-Rip-All-DC-5, FW-Rip-All-G-1, FW-Rip-All-G-2, FW-Rip-Strm-G-1, FW-Rip-Strm-MgtApp-A, FW-Water-DC-3
72-1	Use the following BMP techniques to minimize sedimentation from road construction and reconstruction: - Outsloped road surface; - Leadout ditches and relief culverts; - Energy dissipators on culverts; - Vegetating cut and fill slopes; - Riprap installation; - Rolling grade.	Addressed in plan components and/or management approaches.	FW-RdsFac-G-1, FW-RdsFac-G-2, FW-Soil-G-1, FW-Water-DC-3, FW-Water-G-4
73	Inventory riparian communities and areas capable of supporting riparian species by the end of the first decade. Channel condition and aquatic habitat condition will be included in the survey. Plan and design projects in areas of unsatisfactory or degraded condition to promote channel and streambank stability and to improve flow and timing of water. Meet or exceed eighty percent of Regional requirements above the Rim and ninety percent below the Rim by 2030. Manage to achieve at least 25 percent of the currently unsatisfactory riparian areas will be in satisfactory condition by 2000.	Addressed in plan components and/or management approaches.	FW-Rip-All-G-1, FW-Rip-All-G-2, FW-Water-G-4, FW-Water-G-5

Watershed			
Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
73	As information is available, develop inventory of important groundwater recharge areas. Evaluate management practices to assure that recharge potential is maintained.	Addressed in plan components and/or management approaches.	FW-Rip-All-DC-1, FW-Rip-All-DC-2, FW-Rip-All-DC-3, FW-Water-DC-2, FW-Water-DC-3, FW-Water-DC-5
73	Inspect areas proposed to be treated with chemical agents such as pesticides and herbicides to ensure that surface or ground water contamination does not occur.	Addressed in plan components and/or management approaches.	FW-Soil-G-1, FW-Water-MgtApp-J
73	Evaluate the need to monitor water quality from areas disturbed by management and use activities. Conduct monitoring where needed to assure compliance with the Arizona State Water Quality Standards and P.L. 92-500.	Addressed in plan components and/or management approaches.	FW-Soil-G-1, FW-Water-G-4, FW-Water-G-5, FW-Water-MgtApp-K
73	Conduct water quality monitoring of primary contact recreation sites to standards of FSM 2540 and Arizona Water Quality Standards for full body contact waters (swimming and wading). Conduct monitoring as necessary to assure compliance with standards for aquatic life and wildlife where known problems are occurring.	Addressed in plan components and/or management approaches.	FW-Rec-All-DC-6, FW-Rec-All-G-1, FW-Water-DC-1, FW-Water-DC-7, FW-Water-G-4, FW-Water-MgtApp-K
73	Evaluate watershed condition for its effect on turbidity.	Addressed in plan components and/or management approaches.	FW-Water-DC-1, FW-Water-DC-2, FW-Water-G-4, FW-Water-MgtApp-J
74	Maintain close working relations with the City of Flagstaff to ensure coordination, cooperation, and compliance with permit conditions for the Inner Basin, Upper and Lower Lake Mary, Lake Mary Well Field, and Woody Mountain Well Field.	Addressed in plan components and/or management approaches.	MA-InBsn-MgtApp-A, MA-LkMary-MgtApp-A, MA-LkMary-MgtApp-B, MA-LkMary-MgtApp-C
74	Take action to legally protect Forest uses of needed waters.	Addressed in plan components and/or management approaches.	FW-Water-G-3, FW-Water-MgtApp-D, FW-Water-MgtApp-F
74	File for water rights on appropriable waters following State procedures. Complete all documentation required for the adjudication process by dates specified by the courts.	Addressed in plan components and/or management approaches.	FW-Water-G-3, FW-Water-MgtApp-D, FW-Water-MgtApp-E, FW-Water-MgtApp-F, FW-Water-MgtApp-G

	Watershed		
Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
74	Take action to obtain instream flow water rights for fish, wildlife, recreation, and channel maintenance purposes: - For nonappropriable water uses, check for compliance with Arizona Revised Statutes and R-3 guidelines. - Participate in State water right adjudications. - Secure water rights through purchase or severance-and-transfer when additional sources are needed. - Maintain and update annually an inventory of all water uses on the Forest (WURR).	Addressed in plan components and/or management approaches.	FW-Water-G-3, FW-Water-MgtApp-E, FW-Water-MgtApp-F, FW-Water-MgtApp-G, FW-Water-MgtApp-H, FW-Water-MgtApp-I
74	Maintain current satisfactory watershed conditions and improve any unsatisfactory conditions to satisfactory by 2020.	Addressed in plan components and/or management approaches.	FW-Water-DC-1, FW-Water-DC-2, FW-Water-G-1, FW-Water-G-2, FW-Water-G-4, FW-Water-MgtApp-C
74	Implement resource improvement projects that are cost-effective and/or are beneficial for maintaining and improving water quality, quantity, and soil productivity. Priority is given to vegetative versus structural measures. On those areas where grazing occurs, projects are only done where there is an approved AMP. Treated areas are protected by grazing management, fencing, and/or other methods, until recovery is satisfactory. On those areas where grazing occurs, management will be evaluated and modified if necessary to be consistent with the objectives of the improvement project. In project planning evaluate the need for planting nonpalatable herbaceous and woody vegetation to discourage concentration of elk and livestock.	Addressed in plan components and/or management approaches.	FW-Graz-G-2, FW-Graz-G-3, FW-Graz-G-4, FW-Graz-G-7, FW-Graz-MgtApp-A, FW-Graz-MgtApp-B, FW-Soil-DC-2, FW-Soil-G-1, FW-Soil-G-2, FW-Water-G-4
75	Implement emergency fire rehabilitation measures where necessary to protect soil and water resources from intolerable losses or to prevent unacceptable downstream damage.	Addressed in plan components and/or management approaches.	FW-Eco-MgtApp-A, FW-Fire-G-2, FW-Fire-MgtApp-B, FW-Soil-DC-3, FW-Soil-G-2, FW-Water-DC-3, FW-Water-G-4
75	Enhance watershed condition by obliterating roads causing resource damage. A total of 400 miles of roads will be obliterated by the end of the first decade (average of 40 miles annually).	Addressed in plan components and/or management approaches.	FW-RdsFac-G-1, FW-RdsFac-G-2, FW-RdsFac-G-5, FW-RdsFac-G-6, FW-RdsFac-MgtApp-J, FW-RdsFac-O-1, FW-Soil-O-1, FW-Water-G-4

	Watershed		
Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
75	Soil information from a Level 3 TES is intended for: - Broad resource, land management, and activity planning at Regional, Forest, and District levels. - Low investment, extensive land management projects such as timber sales and range allotment analysis that do not require site specific, precise, highly detailed soil interpretations. - The initial identification of areas that will require additional specific soil information necessary for project level work as outlined in the Plan.	Addressed in plan components and/or management approaches.	FW-Soil-MgtApp-A

Minerals

	Minerals		
Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
76	There will be no surface occupancy where listed endangered species exist, on slopes greater than 40 percent, on areas where the VQO is foreground Retention, on the Montezuma Castle Backdrop Area, or the portion of Deadman Wash basin adjacent to Wupatki National Monument. On a case-by-case basis, minor exceptions, such as a buried pipeline, may be considered provided the overall foreground Retention VQO is met.	Addressed in plan components and/or management approaches.	FW-Minerals-G-3, FW-Minerals-G-4, FW-Scenic-DC-10, FW-Scenic-DC-2, FW-Scenic-G-1

Forest Land Management Plan (LMP)/Special Uses/Lands

Forest Land Management Plan (LMP)/Special Uses/Lands			
Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
79	New corridors will avoid wildernesses, RNA's, geological and botanical areas, Elden Environmental Study Area, and the ponderosa pine and mixed conifer vegetation types. New corridors will be evaluated for their potential impacts on T&E habitats.	Addressed in plan components and/or management approaches.	FW-SpecUse-G-1, FW-SpecUse-G-5, FW-WFP-G-1, FW-WFP-G-3, MA-MtElden-G-6, SA-RNABotGeo-DC-5, SA-RNABotGeo-G-1, SA-RNABotGeo-G-5, SA-Wild-G-1
80	New corridors are managed to maintain current resource protection and outputs to the degree possible.	Addressed in plan components and/or management approaches.	FW-SpecUse-DC-2, FW-SpecUse-G-5
80	Powerlines and towers are built (construction or reconstruction) to specifications compatible with raptor use.	Addressed in plan components and/or management approaches.	FW-SpecUse-DC-2, FW-SpecUse-DC-3, FW-SpecUse-G-1, FW-SpecUse-G-5
80	Emphasize coordination of research projects from entities, such as universities, that want authorizations. Ensure protection of resource values and eliminate duplication of projects.	Addressed in plan components and/or management approaches.	FW-SpecUse-MgtApp-E
85	Communities -- There are lands adjacent to or within the communities such as Flagstaff, Sedona, Cottonwood, and Camp Verde. Criteria are: - Non-National Forest lands in and adjacent to the communities will generally not be acquired. - National Forest lands identified as needed and suitable for community expansion will not be committed to uses incompatible with prospective community needs.	Addressed in plan components and/or management approaches.	FW-LndAdj-G-1, MA-HouseMtn-S-2, MA-HouseMtn-S-3, MA-OakCrk-S-4, MA-OakCrk-S-5, MA-RedRock-S-7, MA-RedRock-S-8, MA-SedN-S-4, MA-SedN-S-5, MA-Walnut-S-2
85	Recreation Use and Development Areas -- These are lands within existing or potential recreation sites or locations of concentrated public use. Criteria are: - Acquire private lands to achieve a landownership pattern that adequately provides for present and foreseeable public needs, such as recreation development, landscape protection, pollution prevention, access to water and public properties, and open space. - Acquire private lands or the control of unique or outstanding natural features or significant waters.	Addressed in plan components and/or management approaches.	FW-LndAdj-G-1

Forest Land Management Plan (LMP)/Special Uses/Lands			
Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
86	Wildlands with Large Non-Forest Ownerships -- These are Forest lands in checkerboard patterns or otherwise intermingled with large private landowners. Criteria are: - Acquire into Forest ownership to achieve cost efficient management of Forest lands and to maintain them as Forest type lands. - Review acquisition and base-in-exchange plans when private land uses change from wildland and undeveloped uses towards more intensive uses. - Pursue acquisition where special resource needs such as key wildlife habitat or key public recreation sites are identified. - Acquire threatened and endangered species habitat if adjacent Forest lands do not provide adequate habitat. - Acquire riparian habitat, where adjacent riparian areas are in Forest ownership.	Addressed in plan components and/or management approaches.	FW-LndAdj-DC-1, FW-LndAdj-G-1
86	Wildlands with Small Non-Forest Ownership -- These areas where ownership patterns vary from occasional scattered private holdings to small privately held tracts. Criteria are: - Acquire where necessary to correct or discourage land uses not compatible with adjacent Forest uses. - Acquire where ownership consolidation substantially improves management, is cost efficient, and enhances public use. - Special consideration is given to cooperators, such as range permittees, City, County, and State, where acquisition would not be in the best interest of continuing their existing operations. - Acquire where special resource needs such as key wildlife habitat or key public recreation sites are identified. - Acquire threatened and endangered species habitat if adjacent Forest lands do not provide adequate habitat. - Acquire riparian habitat, where adjacent riparian areas are in Forest ownership.	Addressed in plan components and/or management approaches.	FW-LndAdj-DC-1, FW-LndAdj-G-1, MA-OakCrk-S-5

Forest Land Management Plan (LMP)/Special Uses/Lands			
Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
86	Lands offered by the United States in a land exchange are tentatively classified as base-in-exchange. Currently, the Forest has 21,133 acres classified as base-in-exchange. Because local and physical conditions may change during the life of this plan, other lands may be considered for exchange. They will generally meet one or more of the following criteria: - Lands needed to meet the needs of expanding communities; - Isolated tracts or scattered parcels that cannot be efficiently managed; - Lands that provide consolidation of the public lands; - Lands that will improve management, benefit specific resources, or increase management efficiency; - Lands that are necessary to meet overriding local, regional, and national public needs; - Lands within the boundaries of incorporated communities or annexed thereto. - Review base-in-exchange plans when private land uses change from wildland and undeveloped uses towards more intensive uses.	Addressed in plan components and/or management approaches.	FW-LndAdj-G-2, MA-HouseMtn-S-3, MA-OakCrk-S-5, MA-RedRock-S-8, MA-SedN-S-5

Transport/Facilities

Transport/Facilities			
Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
89	Manage road densities to achieve an average of 1.1 mile of open road per section in the woodland zone, such as pinyon-juniper, desert, and grassland vegetation types and an average of 2 miles of open road per section in the ponderosa pine/mixed conifer zone. These densities reflect all designated system roads in maintenance categories 2 through 5, but do not include Federal, State, and County systems. Temporary roads that are only for short-term use and will then be fully obliterated and long term closure roads are not a part of the calculated density. In calculating densities by vegetative type do not include areas having legal or administrative restrictions on roads, e.g., wilderness and research natural areas.	Addressed in plan components and/or management approaches.	FW-RdsFac-DC-1, FW-RdsFac-DC-4, FW-RdsFac-DC-5, FW-RdsFac-G-6, FW-RdsFac-S-1
89	Provide road signs for public service, direction, information, and safety.	Addressed in plan components and/or management approaches.	FW-RdsFac-DC-5, FW-RdsFac-G-3

	Transport/Facilities		
Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
89	Route markers on roads accepting or encouraging passenger car use will be wooden with the numbers displayed horizontally. Route markers on roads recommended for high clearance vehicles will be fiberglass posts with the numbers displayed vertically.	Addressed in plan components and/or management approaches.	FW-InterpEd-MgtApp-C, FW-RdsFac-DC-1, FW-RdsFac-DC-5, FW-RdsFac-G-3, FW-Rec-Disp-G-1
90	Conduct trail condition surveys, prepare trail maintenance schedules, and sign trails on a "safety first" basis. Maintain trails to planned standards. Promote the Adopt-a-Trail Program. Trail maintenance intensity and schedules are related to the ROS class.	Addressed in plan components and/or management approaches.	FW-Rec-All-DC-10, FW-Rec-Trails-DC-1, FW-Rec-Trails-DC-3, FW-Rec-Trails-G-1, FW-Rec-Trails-MgtApp-D
90	Coordinate with State, County, and communities' park departments to connect Forest trails with parks and green-belt corridors, when it is mutually beneficial, provides better public service and development is compatible with other resource management.	Addressed in plan components and/or management approaches.	FW-Rec-Trails-DC-1, FW-Rec-Trails-MgtApp-C, FW-Rec-Trails-MgtApp-E, MA-FlagN-DC-2, MA-SedN-DC-2, MA-VerdeV-DC-3, MA-VerdeV-MgtApp-A
90	Horse and pack stock are not allowed on these trails: - Elden Lookout Trail; - Oldham Trail, the portion between Buffalo Park and the El Paso natural gas pipeline; - Mount Humphrey's Trail and the Weatherford Trail above Doyle Saddle; - Fay, Wilson Mountain, West Fork of Oak Creek, Devil's Bridge, and Boynton Canyon Trails within the Red Rock-Secret Mountain Wilderness. See the Plan maps for specific locations.	Addressed in plan components and/or management approaches.	MA-FlagN-S-1, MA-InBsn-S-1, MA-MtElden-S-1, MA-OakCrk-S-6, MA-Peaks-S-1, MA-Peaks-S-3, MA-RedRock-S-9
91	Locate new roads out of riparian areas and water collecting features such as swales. However, in wet meadows existing roads may also be reconstructed and maintained in accordance with Best Management Practices as defined in the Standards and Guidelines. Relocate or eliminate roads that are presently in these locations. Obliterate the poorly located segments. Cross streamcourses perpendicular to the flow to minimize bank disturbance and sediment production.	Addressed in plan components and/or management approaches.	FW-RdsFac-DC-1, FW-RdsFac-G-1, FW-RdsFac-G-5

Protection

Protection			
Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
92	Manage smoke from prescribed fires to meet legal standards and to provide for public safety.	Addressed in plan components and/or management approaches.	FW-Air-MgtApp-A, FW-Air-MgtApp-B, FW-Fire-DC-1, FW-Fire-G-2
93	Work with homeowners associations and homeowners in the Urban Interface to plan and implement measures to reduce wildfire threats to life and property such as: - Treating vegetation and fuels near homes. - Providing road ingress and egress for emergency evacuation of personnel. - Providing road access suitable for use by fire engines including places to turn engines around. - Providing information to homeowners on measures they can take to reduce the threat of wildfire to their property. - Providing adequate sources of water for use by fire engines for hose lays, to refill engines, and/or watertenders.	Addressed in plan components and/or management approaches.	FW-RdsFac-DC-1, FW-WUI-DC-1, FW-WUI-DC-2, FW-WUI-MgtApp-A
93	Urban Interface - The suppression objective is to hold fires to 10 acres or less per fire start. This zone is the urban interface and an area up to 10 miles long in a southwesterly direction from urban areas. Fires pose a threat to life and property. The zone has high priority for fuel treatment dollars. Prescribed fire, using planned ignitions, is used to accomplish fuel treatment and resource management objectives. Suppression tactics are selected that have the least impact on the land and meet the suppression objective.	Addressed in plan components and/or management approaches.	FW-Fire-DC-3, FW-Fire-G-2, FW-TerrERU-All-G-2, FW-WUI-DC-2, FW-WUI-DC-3, FW-WUI-DC-4
94	Commercial Timber Lands - The suppression objective is to hold fires to 100 acres or less per fire start. This zone consists of the remainder of the commercial timber land. Prescribed fire using both planned and unplanned ignitions is used to accomplish fuel treatment and resource management objectives. Suppression action gives top priority to protecting life and property, resource protection, and protection to private in-holdings and other landownership.	Addressed in plan components and/or management approaches.	FW-Fire-DC-2, FW-Fire-G-2, FW-TerrERU-All-G-2, FW-TerrERU-MC-MCFF-DC-5, FW-TerrERU-PP-DC-3

Protection			
Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
94	PJ and Desert Grasslands - The suppression objective is to hold fires to less than 1,000 acres per fire start, to minimize suppression costs, and to provide for maximum personnel safety. In ponderosa pine stringers or other identified important wildlife habitat the suppression objective is 300 acres per fire or less. This zone consists of grassland, desert shrub, pinyon/juniper, some unsuitable and noncommercial timber land other than designated wildernesses. Prescribed fire using planned and unplanned ignitions is used to accomplish fuel treatment and other resource management objectives. Suppression action gives top priority to protecting life and property, and protection to private in-holdings and other landownership. Suppression methods are chosen that minimize impact on soils, water, and other resources.	Addressed in plan components and/or management approaches.	FW-Fire-DC-2, FW-Fire-G-2, FW-TerrERU-Grass-DC-2, FW-TerrERU-PJ-DC-13, FW-TerrERU-PJ-DC-3, FW-TerrERU-PJ-DC-8
94	Wilderness - Fires that are not a threat to areas outside the wilderness are allowed to burn naturally provided that prescribed conditions are met. Prescribed conditions to be met are found in Standards and Guidelines specific to wildernesses (MA 1).	Addressed in plan components and/or management approaches.	FW-Fire-G-2, FW-Fire-MgtApp-C, SA-Wild-DC-2, SA-Wild-DC-4
94	Oak Creek Canyon - The suppression objective is to hold fires to 10 acres or less and minimize threat to life and property when fires are a threat. When fires are not a threat to people or improvements, the suppression objective may be increased to 300 acres. Fires that are not a threat to people and/or improvements are managed to minimize cost and provide for maximum personnel safety. The threat to people and/or improvements is determined by the District Ranger, District FMO, or initial attack Incident Commander.	Addressed in plan components and/or management approaches.	FW-Fire-DC-1, FW-Fire-DC-2, FW-Fire-DC-3, FW-Fire-G-2, FW-WUI-DC-2, FW-WUI-DC-3, FW-WUI-DC-4
95	Suppress fires that threaten habitat of threatened and endangered, or sensitive species.	Addressed in plan components and/or management approaches.	FW-Fire-DC-2, FW-Fire-G-2
96	Prescriptions for the use of prescribed fire for any purpose include measures to minimize smoke production when projects will impact smoke sensitive areas.	Addressed in plan components and/or management approaches.	FW-Air-DC-1, FW-Air-G-1, FW-Air-G-2, FW-Fire-G-2

	Protection		
Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
96	Monitor and document the effects on smoke sensitive areas of smoke from prescribed burning during the burning season. The purpose is to prevent smoke intrusions. Adjust the burning program as needed based upon the monitoring. The initial monitoring will be by aerial observation, photography from observation points, and ground observations. Monitoring may be daily or less frequent depending upon the amount of burning and atmospheric conditions.	Addressed in plan components and/or management approaches.	FW-Air-G-2
96	Evaluate potential for smoke intrusions on airports, highways, and roads. Employ appropriate measures to provide for public safety by keeping smoke off of these types of facilities to the degree possible. Keep smoke warning signs posted on roads. If an intrusion occurs take cooperative action with appropriate law enforcement personnel to provide for public safety.	Addressed in plan components and/or management approaches.	FW-Air-DC-1, FW-Air-G-1, FW-Air-MgtApp-A

Management Area 1 - Wilderness

	Management Area 1 - Wilderness		
Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
105	Emphasize wilderness recreation and watershed condition while maintaining wilderness resource values. In order to accomplish this, some additional trail and trailhead development will be done, particularly in the Kachina Peaks, Red Rock-Secret Mountain, West Clear Creek, and Munds Mountain Wildernesses.	Addressed in plan components and/or management approaches.	SA-Wild-DC-1, SA-Wild-DC-2, SA-Wild-DC-7, SA-Wild-G-1, SA-Wild-MgtApp-F
105	Manage Visual Quality Objective (VQO) in wilderness as Preservation. No variation in this acreage is acceptable.	Addressed in plan components and/or management approaches.	FW-Scenic-DC-1, FW-Scenic-DC-2, FW-Scenic-G-1, SA-Wild-G-1

Management Area 1 - Wilderness			
Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
105	Manage for a mix of Wilderness Opportunity Spectrum (WOS) classes with some areas, for example Fossil Springs and portions of Red Rock-Secret Mountain managed toward the primitive end of the WOS spectrum. Wildernesses are managed to maintain wilderness quality and to maintain use within capacity, with first priority for management efforts to the Kachina Peaks Wilderness. Where overuse problems are apparent or imminent, such as some WOS classes in Kachina Peaks, Red Rock/Secret Mountain, Wet Beaver, West Clear Creek, and Sycamore Canyon, use studies are undertaken and remedial action implemented to protect the resource. The study currently underway in the Kachina Peaks is continued and similar studies are undertaken in other areas. Possible corrective measures include the initiation of permit systems or seasonal closure of sensitive areas.	Addressed in plan components and/or management approaches.	SA-Wild-DC-1, SA-Wild-DC-7, SA-Wild-DC-8, SA-Wild-G-1, SA-Wild-G-2, SA-Wild-G-3
105	Manage to provide a quality experience for people while protecting wilderness resources. It may be necessary to limit numbers of people and/or horses and packstock in some instances. The majority of use in all areas is day use.	Addressed in plan components and/or management approaches.	SA-Wild-DC-1, SA-Wild-DC-2, SA-Wild-DC-8, SA-Wild-G-1, SA-Wild-G-2, SA-Wild-G-3, SA-Wild-MgtApp-B, SA-Wild-S-1, SA-Wild-S-4
106	Implement "NO TRACE" program, providing educational information to users.	Addressed in plan components and/or management approaches.	FW-InterpEd-DC-1, FW-InterpEd-MgtApp-B, SA-Wild-MgtApp-F, SA-Wild-MgtApp-G, SA-Wild-MgtApp-H
107	Implement corrective measures such as a wilderness permit system if overuse causes unacceptable resource damage. Overuse is determined from: - Limits of Acceptable Change (LAC) studies - Range analyses - Code-a-site inventories - Professional judgment	Addressed in plan components and/or management approaches.	SA-Wild-G-1, SA-Wild-G-2, SA-Wild-MgtApp-A, SA-Wild-MgtApp-B
107	Provide regular Wilderness Ranger patrol in wildernesses to the degree necessary to meet the standards for each area. If funding is limited, use volunteers to accomplish as much of this work as possible via the WIS program. Standard level trail maintenance is defined in the implementation schedules for each wilderness.	Addressed in plan components and/or management approaches.	SA-Wild-MgtApp-A, SA-Wild-MgtApp-F, SA-Wild-MgtApp-G
108	Stop motorized vehicle intrusions and firewood cutting.	Addressed in plan components and/or management approaches.	MA-VolcanWd-MgtApp-B, SA-Wild-DC-6, SA-Wild-G-10

Management Area 1 - Wilderness			
Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
108	Consult with Native Americans on projects.	Reference to controlling authority not repeated in plan component, but proposed revised plan includes additional direction related to this topic.	FW-Trbl-DC-1, FW-Trbl-G-2, FW-Trbl-MgtApp-A, FW-Trbl-MgtApp-B, SA-Wild-DC-5
108	Foot traffic only on the Humphreys Peak Trail and from Humphreys Peak to Doyle Saddle along the ridge.	Addressed in plan components and/or management approaches.	MA-InBsn-G-7, MA-InBsn-S-1, MA-Peaks-S-1, SA-Wild-S-4
108	No horse or packstock use above timberline.	Addressed in plan components and/or management approaches.	MA-InBsn-G-7, MA-InBsn-S-1, MA-Peaks-S-1, SA-Wild-S-4
108	No overnight camping above timberline.	Addressed in plan components and/or management approaches.	MA-InBsn-G-7, SA-Wild-S-4
108	Use in the City of Flagstaff watershed (draining into Inner Basin) is limited to day-use foot traffic. The area may be closed if unacceptable damage occurs as determined by a degradation of water quality.	Addressed in plan components and/or management approaches.	FW-Water-G-4, MA-InBsn-G-7, MA-InBsn-S-1, MA-Peaks-S-1, MA-Peaks-S-3, SA-Wild-G-1
108	Protect Senecio franciscanus by an area closure.	Addressed in plan components and/or management approaches.	MA-Peaks-S-1, SA-Wild-G-9, SA-Wild-S-3, SA-Wild-S-4, SA-Wild-S-5
108-1	Fire, under prescribed conditions, is allowed to play a natural role. Fire management strategies are prepared and implemented for all Wildernesses.	Addressed in plan components and/or management approaches.	FW-Fire-DC-1, FW-Fire-DC-2, FW-Fire-DC-3, FW-Fire-G-2, FW-Fire-MgtApp-C, SA-Wild-DC-4, SA-Wild-G-1
108-2	Manage as prescribed by Congress for Primitive attributes. Several inconsistencies exist, such as at Bell Rock, West Fork, Boynton Canyon and some places near private land. Make every effort to limit the degradation of Wilderness values. Where needed, take management actions in these places beyond levels normally associated with Wilderness management in order to protect visitor experience and resources. Near Secret Mountain and adjacent canyons, Sycamore Basin, upper Woods Canyon and portions of Jack's Canyon and Horse Mesa, the objective is a Pristine WOS setting.	Addressed in plan components and/or management approaches.	FW-Rec-All-DC-4, SA-Wild-DC-1, SA-Wild-DC-8, SA-Wild-G-1
108-2	Limit camping and recreation fires at or near trailheads and private lands as needed to protect resources, resident security and sanitation.	Addressed in plan components and/or management approaches.	SA-Wild-DC-1, SA-Wild-DC-2, SA-Wild-DC-9, SA-Wild-G-1, SA-Wild-MgtApp-H

Management Area 1 - Wilderness			
Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
108-2	Evaluate the need for additional limitations on visitor use at Boynton Canyon and the West Fork of Oak Creek.	Addressed in plan components and/or management approaches.	SA-Wild-DC-7, SA-Wild-DC-8, SA-Wild-G-2, SA-Wild-G-3, SA-Wild-MgtApp-A, SA-Wild-MgtApp-B, SA-Wild-S-1, SA-Wild-S-2
108-3	Camping and recreation fires are prohibited in Boynton Canyon.	Addressed in plan components and/or management approaches.	MA-RedRock-G-4, SA-Wild-DC-1, SA-Wild-DC-8, SA-Wild-G-1
108-3	Camping is prohibited throughout the West Fork of Oak Creek, except in designated campsites. Recreation fires in the West Fork of Oak Creek are prohibited.	Addressed in plan components and/or management approaches.	MA-OakCrk-S-2, SA-Wild-G-1
108-3	In wilderness group size limit is generally 12 or fewer persons.	Addressed in plan components and/or management approaches.	SA-Wild-S-1
108-3	For the West Fork of Oak Creek Canyon establish a reservation only permit system for overnight camping. This system should include the following: no camping within 2.5 miles of the confluence, no more than 5 camping areas, each camping are to accommodate 2-4 camping parties, camping party size to be generally 4 persons, camp areas to be located outside of spotted owl protected activity centers where possible, and total annual overnight use to be maintained at or less than 1997 use (approximately 1,300 persons).	Addressed in plan components and/or management approaches.	SA-Wild-G-1, SA-Wild-G-2
108-4	Commercial tour activities should be limited to trails and campsites designated for such use.	Addressed in plan components and/or management approaches.	FW-SpecUse-DC-1, FW-SpecUse-G-16, SA-Wild-DC-11, SA-Wild-S-2
108-4	Commercial tours will be limited to Wilderness-dependent opportunities that cannot occur outside of Wilderness. Generally maintain or reduce current levels of commercial touring in Wildernesses.	Addressed in plan components and/or management approaches.	SA-Wild-DC-11, SA-Wild-S-2
108-4	Encourage widespread understanding of the philosophy of Wilderness and support for its natural and social benefits. People should be prepared with appropriate equipment and information. Visitors should learn about sensitive ecological features, know their responsibility and act in a way that protects ecological systems.	Addressed in plan components and/or management approaches.	FW-InterpEd-G-1, FW-InterpEd-G-2, SA-Wild-DC-10, SA-Wild-DC-9, SA-Wild-G-5

	Management Area 1 - Wilderness		
Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
109	The following is a general description of SLM in the Kachina Peaks, south side of Red Rock-Secret Mountain, South end of Sycamore Canyon, west end of West Clear Creek, and the west end of Wet Beaver Wildernesses. Develop and implement implementation schedules with annual updates. Develop a brochure for each wilderness, including a trail map. Administer a permit system, if one is implemented. Maintain all wilderness facilities to Condition Class I. Provide parking and toilet facilities at major trailheads. Install traffic counters at all trail heads. Implement WIS program. The goal is to protect wilderness values and provide a quality wilderness experience. Use volunteers as much as possible, particularly during peak season to patrol, pick up litter, break up fire rings, restore damaged sites, contact the public, and maintain trail condition logs.	Addressed in plan components and/or management approaches.	FW-InterpEd-DC-1, FW-InterpEd-DC-3, FW-Rec-Trails-G-1, SA-Wild-DC-1, SA-Wild-DC-8, SA-Wild-DC-9, SA-Wild-G-1, SA-Wild-G-2, SA-Wild-MgtApp-A, SA-Wild-MgtApp-B, SA-Wild-MgtApp-F, SA-Wild-MgtApp-G
109	The following is a general description of management in the Fossil Springs, Munds Mountain, Strawberry Crater, east end of West Clear Creek, east end of Wet Beaver, north portion of Sycamore Canyon, and the north side of Red Rock- Secret Mountain Wildernesses. Use volunteers as much as possible, particularly during peak season to patrol, pick up litter, break up fire rings, restore damaged sites, contact the public, and maintain trail condition logs. Service trail heads as necessary. Public safety and resource protection are emphasized. When permanent damage to the resource is apparent or imminent, measures are taken to both limit and distribute visitor use in wilderness by permit system or other methods. Maintain facilities and signs to protect the investment only.	Addressed in plan components and/or management approaches.	FW-Rec-Trails-G-1, SA-Wild-G-5, SA-Wild-G-7, SA-Wild-MgtApp-F, SA-Wild-MgtApp-G, SA-Wild-O-1
110	Protect 325 acres of alpine areas on the San Francisco Mountains to improve habitat for Senecio franciscanus by closing the area during snow-free periods. Access is limited to designated trails.	Addressed in plan components and/or management approaches.	MA-Peaks-S-1, SA-Wild-G-9, SA-Wild-S-3, SA-Wild-S-4, SA-Wild-S-5
111	Review Prevention of Significant Deterioration (PSD) permit applications to determine the potential effect increased emissions from major stationary sources will have on air quality related values (AQRV's) in National Forest Class I areas. Protect the current status of AQRV's in the Sycamore Canyon Wilderness Class I Airshed. Treat other wildernesses in the same manner as Class I Airsheds. Predict the impacts of air pollution generating activities with current and cost effective modeling techniques.	Addressed in plan components and/or management approaches.	FW-Air-DC-1, FW-Air-MgtApp-B
111	Monitor specific air pollutant and meteorological parameters necessary for determining air quality in Class I areas.	Addressed in plan components and/or management approaches.	FW-Air-DC-1, FW-Air-G-1

Management Area 1 - Wilderness			
Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
111	In the Class I Airsheds, maintain high quality visual conditions. The form, line, texture, and color of characteristic landscapes is clearly distinguishable when viewed as middleground. Cultural resources and ecosystems remain unmodified by air pollutants. Determine baseline information and the background condition of the above AQRV's, and specify limits of acceptable change that will affirmatively protect these values in Class I Airsheds.	Addressed in plan components and/or management approaches.	FW-Air-DC-1, FW-Air-G-1, FW-Air-MgtApp-B, FW-Eco-DC-1, FW-Hrtg-DC-1
111	Fire under prescribed conditions is allowed to play a natural role in wilderness.	Addressed in plan components and/or management approaches.	FW-Fire-DC-2, FW-Fire-G-2, FW-Fire-MgtApp-A, FW-Fire-MgtApp-C, SA-Wild-DC-4
112	Fires that are not a threat to areas outside the wilderness are allowed to run their natural course provided that the following prescribed conditions and situations are met: - Fuel levels permit a sound natural fire program to be implemented. - Fire forces are available in sufficient numbers to contain the fire(s) during the period between the afternoon fire weather forecast and 10 a.m. the next day. - Fire behavior, both existing and predicted is such that fire forces are expected to be able to stop the spread of the fire(s) in any direction. - Fuels in the path of the fire(s) are of an amount, size, and arrangement that expected fire intensity will not cause unacceptable damage to the wilderness resource. - The fire creates a mosaic vegetation pattern. Fires outside of these limits are unacceptable. The following ratio of burned to unburned acres are achieved: % Burned % Unburned 25 to 75 75 to 25 - Fires that do not meet prescribed conditions are declared wildfires and suppressed in accordance with the following general suppression objectives. More specific suppression objectives for portions of the wildernesses may be developed as a part of the implementation schedules. - Kachina Peaks--10 acres; Kendrick Mountain--10 acres; Strawberry Crater--300 acres; Red Rock-Secret Mountain--300 acres; Munds Mountain--300 acres; West Clear Creek--300 acres; Wet Beaver Creek--300 acres; Fossil Springs--300 acres; Sycamore Canyon--1,000 acres; - In areas where unnatural fuel buildups have occurred because of the suppression of natural fires, prescribed fire using planned ignitions is used to restore a natural fuel condition so that fire can be allowed to play a natural role.	Addressed in plan components and/or management approaches.	FW-Fire-DC-2, FW-Fire-G-2, FW-Fire-MgtApp-A, FW-Fire-MgtApp-C, SA-Wild-DC-4

	Management Area 1 - Wilderness		
Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
112	Fires that exceed prescription are suppressed using tactics that minimize impact on wildernesses.	Addressed in plan components and/or management approaches.	FW-Fire-DC-2, FW-Fire-DC-3, FW-Fire-G-2, SA-Wild-G-1
112	Fires in the RNA's are allowed to burn undisturbed unless they threaten the uniqueness of the area.	Addressed in plan components and/or management approaches.	FW-Fire-DC-2, FW-Fire-DC-3, SA-RNABotGeo-DC-2, SA-RNABotGeo-G-2

Management Area 2 - Verde Wild and Scenic River

	Management Area 2 - Verde Wild and Scenic River		
Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
115-1	Manage for the following indicator species: ¨ Macroinvertebrates ¨ Yellow breasted chat	Addressed in plan components and/or management approaches.	FW-WFP-DC-1, FW-WFP-G-3

Management Area 3 - Ponderosa Pine and Mixed Conifer, Less Than 40 Percent Slopes

	Management Area 3 - Ponderosa Pine and Mixed Conifer, Less Than 40 Percent Slopes		
Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
117	Manage for timber production using Integrated Stand Management (ISM) to achieve diverse and healthy stands. Manage to reduce or eliminate dwarf mistletoe. Protect stands from unacceptable losses due to insects or diseases.	Addressed in plan components and/or management approaches.	FW-Fprod-DC-2, FW-Invas-DC-1, FW-Invas-G-1, FW-Invas-G-2, FW-TerrERU-MC-All-DC-1, FW-TerrERU-MC-All-DC-4, FW-TerrERU-MC-MCFF-DC-4, FW-TerrERU-MC-MCFF-DC-7, FW-TerrERU-PP-DC-2, FW-TerrERU-PP-DC-9, FW-TerrERU-PP-MgtApp-B

Management Area 3 - Ponderosa Pine and Mixed Conifer, Less Than 40 Percent Slopes			
Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
117	Visual quality objectives are generally Modification and Partial Retention. Maximum Modification is allowed to manage insect or disease outbreaks or to harvest fire-killed timber. Acceptable variations in VQO classification acres are outlined in the Forest-wide Standards and Guidelines.	Addressed in plan components and/or management approaches.	FW-Scenic-DC-2
118	Manage at least 61,154 acres in the tentatively suitable timber lands for old-growth on a sustained basis to achieve at least 30,577 acres meeting old-growth conditions at all times.	Addressed in plan components and/or management approaches.	FW-TerrERU-MC-All-G-2, FW-TerrERU-MC-All-G-3, FW-TerrERU-MC-MCFF-DC-10, FW-TerrERU-MC-MCFF-DC-2, FW-TerrERU-MC-MCFF-DC-7, FW-TerrERU-MC-MCIF-DC-2, FW-TerrERU-PP-DC-13, FW-TerrERU-PP-DC-6, FW-TerrERU-PP-DC-9, FW-TerrERU-PP-G-1, FW-TerrERU-PP-G-2, FW-TerrERU-PP-G-3, FW-TerrERU-PP-G-4
118	Manage the approximately 12,100 acres identified as the pine-aspen capability area for aspen, on a regulated, sustained-yield basis to maintain aspen as a component of the Forest. Feature a rotation to enhance firewood production and wildlife habitat. Use firewood sales to achieve regeneration by sprouting.	Addressed in plan components and/or management approaches.	FW-Fprod-G-1, FW-Fprod-G-2, FW-TerrERU-AspMpl-DC-1, FW-TerrERU-AspMpl-DC-2, FW-TerrERU-AspMpl-O-1
119	Prohibit camping between Lockett Meadow Trailhead and the Inner Basin. The access road is managed as a trail and closed to vehicles, except that the City of Flagstaff may periodically be authorized to use it for special vehicles such as drill rigs if determined appropriate through environmental analysis.	Addressed in plan components and/or management approaches.	MA-InBsn-DC-7, MA-InBsn-G-7, MA-Peaks-DC-4
119	Manage the Mount Elden/Dry Lake Hills to maintain a semi-primitive nonmotorized ROS class. Build a trail system to make a loop trail from Buffalo Park over the Dry Lake Hills to the Mount Elden Trail, then through the Elden Environmental Study Area on the El Paso natural gas pipeline and back to Buffalo Park. The trails are for nonmotorized traffic only. The Mount Elden Lookout Trail and the portion of the Oldham trail between Buffalo Park and the El Paso natural gas pipeline are closed to horse and packstock. Trails in the system have standard level maintenance.	Addressed in plan components and/or management approaches.	FW-Rec-All-DC-4, FW-Rec-Trails-DC-3, MA-FlagN-S-1, MA-MtElden-DC-4, MA-MtElden-S-1

	Management Area 3 - Ponderosa Pine and Mixed Conifer, Less Than 40 Percent Slopes		
Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
120	Seed behind intermediate timber harvests with mixes tailored to fit the site where additional forage is needed. Emphasize high production, shade tolerant, multigrowing season species that will not inhibit tree regeneration. Do not seed after the last intermediate harvest if tree regeneration will be inhibited. Do not seed after seed cuts. Where open meadows	Addressed in plan components and/or management approaches.	FW-Fprod-DC-2, FW-Fprod-G-1, FW-Graz-DC-1, FW-Graz-DC-3, FW-TerrERU-All-G-3
120	Where open meadows in the pine/mixed conifer type are to be maintained, eliminate invading overstory vegetation, stabilize gullies to raise the water table, scarify the soil, and seed with appropriate grass and forage species. Control livestock grazing through management and/or fencing to establish the revegetation.	Addressed in plan components and/or management approaches.	FW-Graz-DC-1, FW-Graz-DC-3, FW-Graz-G-2, FW-TerrERU-All-G-1, FW-TerrERU-All-G-3, FW-TerrERU-PP-DC-13, FW-TerrERU-PP-DC-8
120	Identify each terrestrial ecosystem and assess soil properties to determine: - Soil limitations for soil scarification purposes. - The method of soil scarification best suited for the soils of the project area. - Soil potential for revegetation - Identify soils that are suitable or unsuitable for successful revegetation. - Erosion hazard and on-site soil loss - Soils with a potential erosion hazard rating of severe will require specific resource management activities in order to avoid severe impairment of soil productivity.	Addressed in plan components and/or management approaches.	FW-Soil-G-2, FW-Soil-MgtApp-A, FW-Soil-MgtApp-B
122	Reforested areas are protected from animal damage until the plantations are established with satisfactory stocking, usually 5 to 10 years, FSM 2470 and FSH 2409.26b. Where needed to prevent livestock damage and ensure satisfactory stocking, plantations are fenced and assigned no grazing capacity until seedlings are established.	Addressed in plan components and/or management approaches.	FW-Graz-G-3
122-1	Silvicultural prescriptions emphasize treating dwarf mistletoe infections to bring them down to acceptable levels, unless threatened, endangered, or sensitive species habitat requirements take precedence.	Addressed in plan components and/or management approaches.	FW-Fprod-DC-2, FW-TerrERU-MC-All-DC-4, FW-TerrERU-MC-All-MgtApp-A, FW-TerrERU-PP-DC-2, FW-TerrERU-PP-DC-9, FW-TerrERU-PP-MgtApp-B
123	Establish and maintain stand diversity through ISM to provide suitable habitat for wildlife in lands suitable for timber production, while maintaining or enhancing timber resource production and timber age class distribution (regulation).	Addressed in plan components and/or management approaches.	FW-Fprod-DC-1, FW-Fprod-DC-2, FW-Fprod-G-1, FW-TerrERU-MC-All-DC-1, FW-TerrERU-PP-DC-1, FW-WFP-DC-1, FW-WFP-DC-2, FW-WFP-G-3

	Management Area 3 - Ponderosa Pine and Mixed Conifer, Less Than 40 Percent Slopes		
Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
123	Within each 10K Block treated, uneven-aged management will be emphasized. Where even-aged management is used not less than 8 percent nor more than 40 percent of the suitable lands is scheduled for regeneration during any 20-year period, provided there are adequate stands available for regeneration. Stands can be regenerated if they have, generally, reached CMAI, have unacceptable dwarf mistletoe ratings, or have multiple-use objectives that require the stand to be regenerated before CMAI. Regenerated stands may be harvested at 95 percent of CMAI.	Addressed in plan components and/or management approaches.	FW-Fprod-DC-1, FW-Fprod-DC-2, FW-Fprod-G-1, FW-TerrERU-MC-MCFF-DC-1, FW-TerrERU-MC-MCFF-DC-2, FW-TerrERU-MC-MCFF-DC-3, FW-TerrERU-MC-MCFF-DC-4, FW-TerrERU-PP-DC-1, FW-TerrERU-PP-DC-2, FW-TerrERU-PP-DC-4, FW-TerrERU-PP-DC-5, FW-TerrERU-PP-DC-6

	Management Area 3 - Ponderosa Pine and Mixed Conifer, Less Than 40 Percent Slopes		
Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
123	Maintain a current inventory of nest locations. A nest group consists of nest tree and adjacent trees and is maintained at least as follows unless environmental analysis indicates either more or less is needed: - Goshawk -- Please refer to the Standards and Guidelines in the Forest-wide management direction on page 65-7 through 65-11. - Cooper's hawk -- 15 acres of uncut area around active nests. - Sharp-shinned hawk -- 10 acres of uncut area around active nests. - Other raptors -- An area extending to 50 feet from active nests is left uncut. - Bald eagle winter roosts -- Protect with a 300-foot radius uncut zone around the roost. Road development should avoid the roost and uncut zone. - Ospreys -- At the start of Forest Plan implementation, the only known osprey nesting area is at Lake Mary. The following Standards and Guidelines apply to this nesting area. As additional nesting territories are discovered, environmental analysis is done to determine if, and to what extent, these Standards and Guidelines apply: - Restrict all logging activities within one-fourth of a mile of active nests from March 1 through August 15. - Provide a 20-acre nest site of uncut area around each existing (occupied or unoccupied) nest. - Provide at least 3 potential nest sites in preferred nesting habitat within Designated Bald Eagle/Osprey Emphasis Area(s). This potential nest site should be at least 5 acres of mature and overmature trees with at least 2 snags per acre greater than or equal to 20 inches. Use of uneven-age stands is optimal. - Construct artificial nesting platforms as needed for habitat maintenance and improvement. - Forest-wide, during 10K Block planning, give high priority to managing for snags within potential osprey habitat. Snags and oldgrowth managed for osprey habitat contribute to the 10K Block requirements. - Manage for at least 2 snags per acre of 20" or greater. Snags should be the height of the canopy or taller, on at least percent of the acres along the shorelines. Where necessary to provide sufficient perches and nest sites, take actions to create snags. - Road construction or reconstruction should avoid osprey nest sites. New roads should not be constructed within 660 feet of nests. - Where human disturbance is causing reproductive failure, evaluate the need to close the area from March 1 to at least August 15. - In cooperation with the Arizona Game and Fish Department, develop and implement an osprey and wintering bald eagle public education program.	Addressed in plan components and/or management approaches.	FW-Fprod-G-1, FW-RdsFac-DC-1, FW-RdsFac-G-1, FW-TerrERU-MC-MCFF-DC-2, FW-TerrERU-MC-MCFF-DC-3, FW-TerrERU-PP-G-4, FW-TerrERU-PP-G-5, FW-WFP-DC-1, FW-WFP-DC-11, FW-WFP-DC-7, FW-WFP-DC-8

	Management Area 3 - Ponderosa Pine and Mixed Conifer, Less Than 40 Percent Slopes		
Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
124	Manage for at least 30 percent cover in 10K Blocks. Of this total at least one third is in thermal cover, one third is in hiding cover, and the remaining one third is in either thermal or hiding cover. Thermal cover for elk is a stand of coniferous trees tall enough to allow animal movement and bedding with a high degree of crown closure. Hiding cover is vegetation capable of hiding 90 percent of a standing deer or elk from human view at a distance of 200 feet or less. Emphasize maintaining some thermal cover in known travelways and bedding areas. Emphasize maintaining some hiding cover adjacent to dependable water and key openings, along known travelways, and in pine stringers. Cover areas should be at least 200 feet wide; however, pine stringers less than this width may still be managed for hiding and thermal cover.	Addressed in plan components and/or management approaches.	FW-TerrERU-MC-MCFF-DC-1, FW-TerrERU-PP-DC-4, FW-TerrERU-PP-MgtApp-A, FW-WFP-DC-5, FW-WFP-DC-6
124-1	Evaluate existing and potential cover on a stand by stand basis. Consider open road densities, topography, and non-commercial tree, shrub, and herbaceous species to determine effective cover. The presence of non-commercial species, such as Gambel oak, New Mexico locust, juniper, aspen, and bigtooth maple, or topographic features such as drainages or other terrain breaks, rock outcrops, or large surface boulders, will normally result in less BA/GSL of commercial species to meet cover requirements. The measure of effective cover is meeting the definition and objectives for hiding cover or thermal cover.	Addressed in plan components and/or management approaches.	FW-TerrERU-MC-MCFF-DC-1, FW-TerrERU-MC-MCFF-DC-11, FW-TerrERU-MC-MCFF-DC-6, FW-TerrERU-PP-DC-10, FW-TerrERU-PP-DC-13, FW-TerrERU-PP-DC-8, FW-TerrERU-PP-MgtApp-A, FW-WFP-DC-1, FW-WFP-DC-5
124-1	Protect and manage to include hiding and thermal cover known fawning and calving areas and defer logging activities from May 15 to June 30 in these areas.	Addressed in plan components and/or management approaches.	FW-Fprod-G-1, FW-TerrERU-PP-MgtApp-A, FW-WFP-DC-1, FW-WFP-G-8, FW-WFP-MgtApp-F
125	The following table lists basal area (BA) and growing stock level (GSL) which experience has shown will fully meet hiding and thermal cover requirements in even age ponderosa pine and mixed conifer when there are no cover effects from topographic features or other species. The presence of more than one size class may reduce the amount of BA/GSL required to provide effective cover. Before determining that cover must be obtained by managing stands in suitable lands for these BA/GSL's, conduct field examinations to evaluate cover distribution needs and to determine whether other factors contributing to effective cover are present. (see Plan for table)	Addressed in plan components and/or management approaches.	FW-TerrERU-PP-MgtApp-A, FW-WFP-DC-2, FW-WFP-DC-5, FW-WFP-DC-6, FW-WFP-G-1, FW-WFP-G-2

	Management Area 3 - Ponderosa Pine and Mixed Conifer, Less Than 40 Percent Slopes		
Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
125	Manage for at least 20 percent of potential habitat capability for red squirrels in 10K Blocks as determined by the Forest Habitat Capability Model. As needed to meet habitat capability, protect red squirrel primary caches at a density of one cache per 2 acres. Retain all trees within a 26-foot radius from the cache (1/20th acre) (mixed conifer only).	Addressed in plan components and/or management approaches.	FW-Fprod-G-1, FW-TerrERU-PP-MgtApp-A, FW-WFP-DC-1, FW-WFP-G-3
125	Manage for at least 20 percent of potential habitat capability for Abert squirrels in 10K Blocks as determined by the Forest Habitat Capability Model.	Addressed in plan components and/or management approaches.	FW-Fprod-G-1, FW-TerrERU-PP-MgtApp-A, FW-WFP-DC-1, FW-WFP-G-3
126	In key mixed conifer bear habitat, manage for at least 30 percent of the mixed conifer to meet hiding cover needs. Give priority for cover management in drainage bottoms, heads of drainages, and isolated pockets of mixed conifer. Defer logging activities from April 15 to June 30 in known bear maternity areas.	Addressed in plan components and/or management approaches.	FW-TerrERU-PP-MgtApp-A, FW-WFP-DC-1, FW-WFP-DC-3, FW-WFP-G-3
126	Defer timber harvesting and slash treatment activities in turkey nesting areas from April 15 through June 30.	Addressed in plan components and/or management approaches.	FW-Fprod-G-1, FW-TerrERU-PP-MgtApp-A, FW-WFP-DC-1, FW-WFP-DC-3, FW-WFP-G-3
126	Leave scattered patches of untreated slash within 1/2 mile of dependable water in actual or potential turkey nesting areas. Patches are at least 1/4 acre in size and cover at least 10 percent and not more than 20 percent of the harvested area. Slash is left untreated for at least 5 years, longer if it is determined that nesting is still occurring in the area. These guidelines will be evaluated and adjustments made, if necessary.	Addressed in plan components and/or management approaches.	FW-TerrERU-MC-All-G-1, FW-TerrERU-PP-G-7, FW-TerrERU-PP-MgtApp-A, FW-WFP-G-10, FW-WFP-G-3
126	Retain and/or develop an average of at least two turkey roost tree groups per section, in actual or potential turkey habitats.	Addressed in plan components and/or management approaches.	FW-TerrERU-MC-All-G-1, FW-TerrERU-PP-G-7, FW-TerrERU-PP-MgtApp-A, FW-WFP-DC-1, FW-WFP-DC-7, FW-WFP-DC-8, FW-WFP-G-3
126	Retain and/or develop an average of at least four turkey roost tree groups per section in identified key turkey winter range.	Addressed in plan components and/or management approaches.	FW-TerrERU-MC-All-G-1, FW-TerrERU-PP-G-7, FW-TerrERU-PP-MgtApp-A, FW-WFP-DC-1, FW-WFP-DC-7, FW-WFP-DC-8, FW-WFP-G-3

	Management Area 3 - Ponderosa Pine and Mixed Conifer, Less Than 40 Percent Slopes		
Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
126	Snag Definition – - A ponderosa pine/mixed conifer snag is defined as a tree greater than 12 inches d.b.h. and 15 feet tall. - An aspen snag is defined as a tree greater than 12 inches d.b.h. and 15 feet tall. - An oak snag is defined as a tree greater than 10 inches d.b.h. and 10 feet tall.	Addressed in plan components and/or management approaches.	FW-TerrERU-MC-MCFF-DC-3, FW-TerrERU-MC-MCIF-DC-2, FW-TerrERU-MC-MCIF-DC-3, FW-TerrERU-PP-DC-5
126	Within 10K Blocks at least 50 percent of the forested land meets the following criteria for snags: - At a minimum, snags are maintained at an average of 200 snags per 100 acres. - Snag species will represent the tree species composition of the stand. - In high priority areas as determined by environmental analysis, including both edge habitats adjacent to meadows or water and interior stands, manage for an average of 280 snags per 100 acres. - Snags are not available for firewood unless designated because of being surplus to wildlife needs, for example, after wildfires. - Snag acres in old-growth can be used to count toward the snag requirement within a 10K Block. - Snags and potential snags will be identified and tallied for each stand. Markers will paint mark each tree with a yellow "w". - Leave potential snags where needed to meet snag requirements. The following are priorities for leaving trees for future snags: - obvious culls with conks and cavities present, - less than one-third merchantable tree including wolfy and crooked trees, - spiketops less than one-half merchantable, - any tree expected to die before expected harvest of the sale being marked, and - mistletoe and genetically poor trees will not be left unless they are planned to be killed. - Carefully plan salvage sales to meet snag standards where snag numbers are less than desired levels. Delay salvage sales if numbers are too low to allow salvage. - Nonharvest areas, such as wilderness or unsuitable timber lands, can be credited toward meeting management direction for snag management. Use of nonharvest areas from adjacent 10K Blocks does not exceed one-third of the 10K Block management objectives for snags.	Addressed in plan components and/or management approaches.	FW-TerrERU-MC-MCFF-DC-3, FW-TerrERU-MC-MCIF-DC-2, FW-TerrERU-MC-MCIF-DC-3, FW-TerrERU-PP-DC-5, FW-TerrERU-PP-DC-6

	Management Area 3 - Ponderosa Pine and Mixed Conifer, Less Than 40 Percent Slopes		
Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
129	Stands managed for old-growth are 100 to 300 acres in size.	Addressed in plan components and/or management approaches.	FW-TerrERU-MC-MCFF-DC-10, FW-TerrERU-MC-MCFF-DC-2, FW-TerrERU-MC-MCFF-DC-7, FW-TerrERU-MC-MCIF-DC-2, FW-TerrERU-PP-DC-13, FW-TerrERU-PP-DC-6, FW-TerrERU-PP-DC-9
131	Manage oak to improve wildlife habitat and provide firewood. Silvicultural prescriptions provide a balance of age classes within a 10K Block and provide a sustained-yield of sprouts, mast, cavities, and foliage volume. Maintain oak components wherever they occur. Salvaging of dead, down oak is encouraged. Oak showing obvious wildlife use will be retained.	Addressed in plan components and/or management approaches.	FW-Fprod-DC-2, FW-TerrERU-MC-All-DC-3, FW-TerrERU-MC-MCFF-DC-1, FW-TerrERU-PP-DC-7, FW-TerrERU-PP-G-5, FW-TerrERU-PP-MgtApp-A, FW-WFP-DC-1, FW-WFP-DC-7, FW-WFP-G-3
133	Pine stringers are noncontiguous, narrow communities of predominantly ponderosa pine that extend into the pinyon-juniper woodland below the normal elevational distribution of ponderosa pine. Manage pine stringers to emphasize wildlife habitat needs by maintaining turkey roosts and big game cover except where environmental analysis indicates otherwise.	Addressed in plan components and/or management approaches.	FW-TerrERU-All-DC-4, FW-TerrERU-All-G-4, FW-TerrERU-PP-MgtApp-A
133	Mixed conifer stringers, primarily Douglas-fir, are noncontiguous, narrow communities that extend into the ponderosa pine. Manage the mixed conifer stringers to emphasize wildlife habitat needs by maintaining big game cover except where environmental analysis indicates otherwise.	Addressed in plan components and/or management approaches.	FW-TerrERU-All-DC-4, FW-TerrERU-All-G-4

	Management Area 3 - Ponderosa Pine and Mixed Conifer, Less Than 40 Percent Slopes		
Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
133	Timber stands managed to meet visual management objective (VQO) of foreground retention are managed as follows: - Maintain or create a mosaic of stands of various sizes and age classes throughout the rotation. - Obtain a stand of ponderosa pine and/or mixed conifer at maturity of 30 to 45 trees per acre. - The average diameter of mature trees is 20 inches or greater. The large trees are maintained as long as possible. Extended rotations may be necessary. - Allow naturally regenerated trees to stay if the overall visual quality objective is met. - Obtain diversity of landscape management features. - Created slash is promptly treated. - Mistletoe treatments are designed to meet as many of these Standards as possible. - Precommercial thinning is done as needed to meet the visual quality objectives.	Addressed in plan components and/or management approaches.	FW-Fprod-G-1, FW-Scenic-G-1, FW-TerrERU-MC-All-G-1, FW-TerrERU-PP-G-7
133	Uneven-Aged Management – - Uneven-aged stands have three or more distinct age classes present. The different aged trees are usually intermixed. Cutting methods are used that develop and maintain uneven-aged stands such as single-tree selection and group selection. Stands are entered on a 20-year cutting cycle and cut to a GSL of 100. Stand size is determined by the scale of the landscape, width of the road, and the speed of the viewer (e.g., I-17 vs. 89A). Stand size may be less than 10 acres.	Addressed in plan components and/or management approaches.	FW-Fprod-DC-1, FW-Fprod-DC-2, FW-Fprod-G-1, FW-TerrERU-MC-All-DC-1, FW-TerrERU-MC-MCFF-DC-7, FW-TerrERU-MC-MCIF-DC-1, FW-TerrERU-PP-DC-4, FW-TerrERU-PP-DC-6, FW-TerrERU-PP-DC-9, FW-TerrERU-PP-G-2, FW-TerrERU-PP-G-3
134	Roads to be managed for foreground Retention within this MA and in MA 4 (other areas of foreground retention on the timber type are found in MA's 13 and 19): (see Plan for table) An average 300 feet on each side of the road will be managed as foreground Retention (nearly 20,000 acres) total from all MA's. Determine the exact width of the foreground Retention area after on-the-ground review.	Addressed in plan components and/or management approaches.	FW-RdsFac-G-1, FW-Scenic-DC-1, FW-Scenic-DC-2, FW-Scenic-G-1
134	Created slash will be treated.	Addressed in plan components and/or management approaches.	FW-Fprod-G-1, FW-Scenic-DC-2, FW-Scenic-G-1, FW-Scenic-G-3

	Management Area 3 - Ponderosa Pine and Mixed Conifer, Less Than 40 Percent Slopes		
Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
134	Except for the following GSL's, the standard silvicultural prescription for foreground Partial Retention areas is the same as the standard silvicultural prescriptions for Ponderosa Pine/Mixed Conifer (see page 130). Stand sizes may be less than 10 acres; Growing stock levels (GSL) are maintained approximately as follows: Ponderosa pine - Site 75 - 90 GSL Site 56-74 - 80 GSL Sites less than 56 - 70 GSL Mixed conifer - Sites > 65 - 90 GSL Sites < 65 - 70 GSL.	Addressed in plan components and/or management approaches.	FW-Fprod-DC-1, FW-Fprod-G-1, FW-Scenic-DC-2, FW-Scenic-G-1
135	Underneath transmission lines there may be a potential for Christmas tree production, firewood, wildings, pulpwood, and/or other miscellaneous forest products. The land is managed to attain products whenever possible. The choice of silvicultural objectives depends on the profile of the powerline and the multiple-use objectives.	Addressed in plan components and/or management approaches.	FW-Fprod-DC-1, FW-Fprod-MgtApp-A, FW-Fprod-MgtApp-B
136	Construct landings and decking areas outside of riparian areas.	Addressed in plan components and/or management approaches.	FW-Fprod-DC-2, FW-Fprod-G-1, FW-Rip-All-G-1, FW-Rip-All-G-3, FW-Rip-All-MgtApp-A, FW-Rip-Strm-G-2, FW-Rip-Strm-MgtApp-A
136	Locate or relocate roads out of riparian areas, except at designated crossings. Obliterate unnecessary roads in riparian areas.	Addressed in plan components and/or management approaches.	FW-RdsFac-DC-1, FW-RdsFac-G-1, FW-RdsFac-G-6, FW-RdsFac-G-7, FW-Rec-All-G-1, FW-Rip-All-G-3, FW-Rip-All-MgtApp-A, FW-Rip-Strm-G-1, FW-Rip-Strm-G-2, FW-Rip-Strm-MgtApp-A
136	Avoid or designate stream course crossings for skid trails. Limit to the minimum needed. Choose crossings with stable conditions or stable bed and bank material such as cobble or rock.	Addressed in plan components and/or management approaches.	FW-Fprod-DC-2, FW-Fprod-G-1, FW-Rip-Strm-DC-1, FW-Rip-Strm-G-1, FW-Rip-Strm-MgtApp-A
136	Restrict skidding and hauling to soil moisture conditions that do not cause excessive soil compaction, displacement, or puddling. Restrict timber sale activities to slopes of 25 percent or less on cinder cones under conventional skidding.	Addressed in plan components and/or management approaches.	FW-Fprod-DC-2, FW-Fprod-G-1, FW-Soil-DC-2, FW-Soil-G-2

Management Area 3 - Ponderosa Pine and Mixed Conifer, Less Than 40 Percent Slopes			
Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
136	For each timber sale area, identify each terrestrial ecosystem and assess soil properties to determine: - Soils with severe potential for sheet and gully erosion, such as steep slopes, cinder cones, alluvial bottoms, and swales, that require specific resource management activities in order to avoid severe impairment of soil productivity. - Soil limitations for site preparation - Identify soils that present severe limitations for successful site preparation such as soils with severe erosion hazard and shallow soils. Require specific resource management activities where successful site preparation is limited by environmental factors in the terrestrial ecosystem. - Soil potential for reforestation - Identify soils that are suitable or unsuitable for successful reforestation. Adjust stocking levels and require specific resource management activities where successful reforestation is limited by environmental factors in the terrestrial ecosystem. - Whether soils are suitable, unsuitable, or unproductive for timber management. - Soil limitations for timber harvest activities. - Soils with high potential to convert to another vegetative type such as oak, locust, or juniper as a result of timber management activities - Modify timber management activities in these terrestrial ecosystems to halt the type conversion by approved chemical or mechanical means or by prescribed fire.	Addressed in plan components and/or management approaches.	FW-Scenic-MgtApp-A, FW-Soil-G-2, FW-Soil-MgtApp-B
137	Suppression objective is 100 acres or less.	Addressed in plan components and/or management approaches.	FW-Fire-DC-2, FW-Fire-G-2, FW-Fire-MgtApp-A, FW-WUI-DC-2, FW-WUI-DC-3, FW-WUI-DC-4
137	Prescribed fire using planned and unplanned ignitions is used to meet resource objectives.	Addressed in plan components and/or management approaches.	FW-Fire-DC-2, FW-Fire-G-2, FW-Fire-MgtApp-A
137	Unplanned ignitions are not used as a management tool in the urban interface.	Addressed in plan components and/or management approaches.	FW-Fire-DC-2, FW-Fire-DC-3, FW-Fire-G-2, FW-Fire-MgtApp-A, FW-TerrERU-All-G-2, FW-WUI-DC-3, FW-WUI-DC-4

Management Area 4 - Ponderosa Pine and Mixed Conifer, Greater Than 40 Percent Slopes

	Management Area 4 - Ponderosa Pine and Mixed Conifer, Greater Than 40 Percent Slopes		
Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
139	Emphasize wildlife habitat, watershed condition, and dispersed recreation. Management intensity is low.	Addressed in plan components and/or management approaches.	FW-Rec-All-DC-4, FW-Water-DC-1, FW-Water-DC-2, FW-Water-DC-4, FW-WFP-DC-1, MA-PineBelt-DC-1, MA-PineBelt-DC-2, MA-PineBelt-DC-5, MA-PineBelt-DC-6, MA-PineBelt-DC-7, MA-PineBelt-DC-8, MA-PineBelt-S-1, MA-PineBelt-S-2, MA-PineBelt-S-3, MA-PineBelt-S-4
139	Manage for the following indicator species: ¨ Turkey ¨ Goshawk ¨ Pygmy nuthatch ¨ Elk ¨ Abert squirrel ¨ Red squirrel ¨ Hairy woodpecker ¨ Spotted owl	Addressed in plan components and/or management approaches.	FW-WFP-DC-1, FW-WFP-G-3
139	Manage the Dry Lake Hills-Mount Elden area for dispersed recreation and wildlife habitat and a semi-primitive nonmotorized ROS class.	Addressed in plan components and/or management approaches.	FW-Rec-All-DC-4, FW-WFP-DC-1, MA-MtElden-DC-1, MA-MtElden-G-2
139	Manage at least 640 acres of the tentatively suitable timber lands for old-growth on a sustained basis to achieve at least 320 acres meeting old-growth conditions at all times.	Addressed in plan components and/or management approaches.	FW-TerrERU-MC-All-G-2, FW-TerrERU-MC-All-G-3, FW-TerrERU-MC-MCFF-DC-10, FW-TerrERU-MC-MCFF-DC-2, FW-TerrERU-MC-MCFF-DC-7, FW-TerrERU-MC-MCIF-DC-2, FW-TerrERU-PP-DC-13, FW-TerrERU-PP-DC-6, FW-TerrERU-PP-DC-9, FW-TerrERU-PP-G-1, FW-TerrERU-PP-G-2, FW-TerrERU-PP-G-3, FW-TerrERU-PP-G-4

Management Area 4 - Ponderosa Pine and Mixed Conifer, Greater Than 40 Percent Slopes			
Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
140	Manage the Mount Elden/Dry Lake Hills to maintain a semi-primitive nonmotorized ROS class. Build a loop trail system tying into trailheads at Schultz Pass, Schultz Creek, Flagstaff-Elden Ranger Station, and Buffalo Park. Trails are for non-motorized use unless designated through a National Environmental Policy Act planning process. Horses and packstock are allowed except on the Mount Elden Lookout Trail and the portion of the Oldham Trail between Buffalo Park and the El Paso natural gas pipeline. The trail system is maintained at standard service level.	Addressed in plan components and/or management approaches.	FW-Rec-All-DC-4, FW-Rec-Trails-O-1, MA-MtElden-DC-2, MA-MtElden-G-2, MA-MtElden-S-1

Management Area 5 - Aspen

Management Area 5 - Aspen			
Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
141	Manage for the following indicator species: ¨ Yellow bellied sapsucker ¨ Mule deer	Addressed in plan components and/or management approaches.	FW-WFP-DC-1, FW-WFP-G-3
141	Manage firewood on a sustained-yield basis.	Addressed in plan components and/or management approaches.	FW-Fprod-DC-1, FW-FProd-G-3
142	Clearcutting to enhance or maintain aspen in Retention and Partial Retention areas is permissible with limitations on size and distribution of openings. Clearcuts should be distributed over larger areas rather than confined to small areas. In Retention areas, openings may be up to 2.5 acres in foreground areas, 5 acres in middleground areas, and 20 acres in background areas. In Partial Retention areas, openings may be up to 15 acres in foreground areas, and 40 acres in middleground and background areas.	Addressed in plan components and/or management approaches.	FW-Fprod-DC-2, FW-Fprod-G-1, FW-Fprod-G-2, FW-Scenic-G-1, FW-TerrERU-All-S-3
142	Fence to protect aspen regeneration from grazing or wildlife where necessary.	Addressed in plan components and/or management approaches.	FW-TerrERU-AspMpl-G-1

Management Area 5 - Aspen			
Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
143	Manage aspen regeneration stands to limit aspen sprout consumption by grazing to 20 percent or less of current year's growth.	Addressed in plan components and/or management approaches.	FW-Graz-G-2, FW-TerrERU-AspMpl-G-1, FW-TerrERU-AspMpl-MgtApp-A
143	Where water facilities are provided inside aspen stands, pipe water to areas outside the stand to maintain distribution of livestock and wildlife. This is to be done during reconstruction of the structural facility where feasible.	Addressed in plan components and/or management approaches.	FW-Graz-G-2, FW-Graz-G-4, FW-TerrERU-AspMpl-DC-1, FW-TerrERU-AspMpl-DC-3
143	Regeneration is planned to occur naturally by sprouting. Artificial regeneration may be needed when clonal root systems have died or have been destroyed.	Addressed in plan components and/or management approaches.	FW-TerrERU-AspMpl-DC-1, FW-TerrERU-AspMpl-DC-2, FW-TerrERU-AspMpl-DC-3, FW-TerrERU-AspMpl-G-1, FW-TerrERU-AspMpl-O-1
143	Protect regenerated areas and assign no grazing capacity until seedlings are established. Protect areas or a group of areas by excluding grazing through fencing, or other means where appropriate. If funding is not available for needed protection, do not harvest the area(s).	Addressed in plan components and/or management approaches.	FW-Graz-G-2, FW-TerrERU-AspMpl-DC-1, FW-TerrERU-AspMpl-G-1, FW-TerrERU-AspMpl-MgtApp-A
143	Establish and maintain stand diversity through ISM to provide suitable habitat for wildlife, while maintaining or enhancing firewood production, age class distribution, and sustained-yield of firewood.	Addressed in plan components and/or management approaches.	FW-Fprod-DC-1, FW-Fprod-DC-2, FW-Fprod-G-1, FW-WFP-DC-1, FW-WFP-DC-2, FW-WFP-G-3
143	Stands are managed by either even-aged or uneven-aged systems depending on the objectives and existing condition of the stand. Rotation length is a minimum of 90 years. Minimum average stand diameter at regeneration is 11 inches. Minimum stand size for management is 5 acres except in foreground Retention (see A2 above). Combining adjacent stands to create a larger more manageable stand is acceptable.	Addressed in plan components and/or management approaches.	FW-Fprod-DC-2, FW-Fprod-G-1, FW-TerrERU-AspMpl-DC-1

Management Area 5 - Aspen			
Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
143	Following firewood harvest treatments, other silvicultural treatments may be used to obtain natural regeneration including prescribed burning, girdling, disking, severing roots, and herbicide treatments when legally available, environmentally sound and most cost-efficient. Natural sexual reproduction also is possible, although not common.	Addressed in plan components and/or management approaches.	FW-Fprod-DC-2, FW-Fprod-G-1, FW-TerrERU-AspMpl-O-1
143	Retain snags greater than 12 inches d.b.h. and nest trees. Follow snag Standards and Guidelines as shown in MA 3.	Addressed in plan components and/or management approaches.	FW-TerrERU-AspMpl-DC-3
144	Unplanned ignitions are not used as a management tool in the urban interface.	Addressed in plan components and/or management approaches.	FW-Fire-DC-3, FW-Fire-G-2, FW-Fire-MgtApp-A, FW-TerrERU-All-G-2, FW-WUI-DC-2, FW-WUI-DC-4

Management Area 6 – Unproductive Timber Land

Management Area 6 – Unproductive Timber Land			
Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
145	Emphasize a combination of wildlife habitat, watershed condition, and livestock grazing. Other resources are managed in harmony with the emphasized resources.	Addressed in plan components and/or management approaches.	FW-Graz-DC-1, FW-Water-DC-1, FW-WFP-DC-1
145	Manage for the following indicator species: ¨ Elk ¨ Abert Squirrel ¨ Mule Deer ¨ Hairy Woodpecker	Addressed in plan components and/or management approaches.	FW-WFP-DC-1, FW-WFP-G-3
145	Use prescribed fire as a tool to help meet desired resource objectives.	Addressed in plan components and/or management approaches.	FW-Fire-G-2, FW-Fire-MgtApp-A, FW-Fire-MgtApp-B

Management Area 6 – Unproductive Timber Land			
Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
146	Where an open meadow is maintained, as determined in an environmental analysis, eliminate invading overstory vegetation, stabilize gullies to raise the water table, and seed with appropriate grass and forage species. Control livestock grazing through management and/or fencing to allow for adequate revegetation.	Addressed in plan components and/or management approaches.	FW-Graz-DC-1, FW-Graz-DC-3, FW-Graz-G-2, FW-TerrERU-All-G-1, FW-TerrERU-All-G-3
146	Identify each terrestrial ecosystem and assess soil properties to determine: - Soil limitations for soil scarification purposes. - The method of soil scarification best suited for the soils of the project area. - Soil potential for revegetation - Identify soils that are suitable or unsuitable for successful revegetation, - Erosion hazard, and on-site soil loss - Soils with a potential erosion hazard rating of severe will require specific resource management activities in order to avoid severe impairment of soil productivity.	Addressed in plan components and/or management approaches.	FW-Soil-DC-1, FW-Soil-DC-2, FW-Soil-DC-3, FW-Soil-G-2, FW-Soil-MgtApp-A, FW-Soil-MgtApp-B
147	Manage alligator juniper to maintain and enhance wildlife habitat by the following criteria: - In areas where alligator juniper trees comprise less than 50 percent of the total basal area, retain live alligator juniper trees > 12 inches d.b.h. - In areas where alligator juniper trees comprise more than 50 percent of the total basal area, live trees > 12 inches d.b.h. may be removed if < 25 percent of the crown is living.	Addressed in plan components and/or management approaches.	FW-Fprod-DC-2, FW-Fprod-G-1, FW-WFP-DC-7, FW-WFP-G-3
147	Manage to retain and/or develop an average of at least four turkey roost tree groups per section in identified turkey winter range.	Addressed in plan components and/or management approaches.	FW-TerrERU-MC-All-G-1, FW-TerrERU-PP-G-7, FW-TerrERU-PP-MgtApp-A, FW-WFP-DC-1, FW-WFP-DC-7, FW-WFP-DC-8, FW-WFP-G-3
147	Areas mapped as the urban interface have a suppression objective of 10 acres or less. In areas outside of the urban interface, the suppression objective is to hold fires to 100 acres or less. Prescribed fire using planned and unplanned ignitions is used to accomplish resource objectives except no provision for unplanned ignitions in areas included in urban interface.	Addressed in plan components and/or management approaches.	FW-Fire-G-2, FW-Fire-MgtApp-A, FW-TerrERU-All-G-2, FW-WUI-DC-4

Management Area 7 – Pinon-Juniper Woodland, Less Than 40 Percent Slopes

	Management Area 7 – Pinon-Juniper Woodland, Less Than 40 Percent Slopes		
Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
148	Emphasize firewood production, watershed condition, wildlife habitat, and livestock grazing. Other resources are managed in harmony with the emphasized resources.	Addressed in plan components and/or management approaches.	FW-Eco-DC-1, FW-Fprod-DC-1, FW-Graz-DC-1, FW-Water-DC-1, FW-WFP-DC-1
148	Manage the pinyon-juniper on a sustained-yield basis for firewood and miscellaneous convertible products, on 0-15 percent slopes.	Addressed in plan components and/or management approaches.	FW-Fprod-DC-1, FW-FProd-G-3
148	Manage for the following indicator species: ¨ Plain titmouse ¨ Mule deer ¨ Elk	Addressed in plan components and/or management approaches.	FW-WFP-DC-1, FW-WFP-G-3
149	Provide water where needed on key wildlife winter ranges. Use bubblers or other means to prevent freezing, where needed.	Addressed in plan components and/or management approaches.	FW-ConstWat-DC-1, FW-WFP-DC-8, FW-WFP-MgtApp-A, FW-WFP-MgtApp-D
150	Where seral grasslands are maintained in the pinyon-juniper woodland, eliminate invading vegetation through mechanical, chemical, or planned fire treatments on a maintenance schedule averaging once every 25 years. Consider firewood harvesting and Christmas tree harvesting as tree removal methods. Stabilize gullies, scarify the soil, and seed disturbed soils with a mix tailored for the site, emphasizing high production, shade tolerant, and multi-growing season species. Seed suitable areas in all range condition classes if needed. Control livestock grazing through management and/or fencing to allow for adequate revegetation.	Addressed in plan components and/or management approaches.	FW-Fprod-DC-2, FW-Graz-G-2, FW-Graz-G-4, FW-TerrERU-All-DC-2, FW-TerrERU-All-G-1, FW-TerrERU-All-G-3
151	Terrestrial ecosystems are identified and soil properties are assessed to determine: - Soil limitations for soil scarification purposes. - The method of soil scarification best suited for the soils of the project area. - Soil potential for revegetation - Identify soils that are suitable or unsuitable for successful revegetation. - Erosion hazard and on-site soil loss - Soils with a potential erosion hazard rating of severe will require specific resource management activities in order to avoid severe impairment of soil productivity.	Addressed in plan components and/or management approaches.	FW-Graz-G-2, FW-Soil-DC-1, FW-Soil-DC-2, FW-Soil-DC-3, FW-Soil-MgtApp-A, FW-Soil-MgtApp-B

Management Area 7 – Pinon-Juniper Woodland, Less Than 40 Percent Slopes			
Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
151	On pinyon-juniper lands managed for firewood production where firewood harvesting has taken place, lopping and scattering of slash may be used to create a more moist microclimate. Seed harvested areas with selected forage and browse species. Allow slash to become dry and brittle. Slash may be crushed where it adversely affects livestock and/or wildlife movement. Areas may be reseeded prior to crushing. This series of events takes place over a 1-2 year time span. Approximately 1,490 acres are cut for firewood per year. Grazing takes place following cutting to use the transitional range. A second entry to these sites is made approximately 15 years later to remove excess stocking of woodland regeneration and selected seed trees. No range nonstructural improvement practices will be implemented until the next firewood harvest.	Addressed in plan components and/or management approaches.	FW-Graz-DC-3, FW-Graz-G-2, FW-TerrERU-All-DC-2, FW-TerrERU-All-G-3, FW-TerrERU-PJ-G-2, FW-TerrERU-PJ-G-4, FW-WFP-DC-3, FW-WFP-G-3
151	Establish and maintain stand diversity through ISM to provide suitable habitat for wildlife while maintaining or enhancing firewood production and age class distribution (regulation).	Addressed in plan components and/or management approaches.	FW-Eco-DC-1, FW-Fprod-DC-1, FW-Fprod-DC-2, FW-Fprod-G-1, FW-TerrERU-All-DC-5, FW-TerrERU-PJ-DC-4, FW-TerrERU-PJ-DC-5, FW-TerrERU-PJ-DC-6, FW-WFP-DC-1, FW-WFP-DC-2, FW-WFP-G-3
152	Manage stands to achieve – - At least 3,000 trees/100 acres of 9 inches d.r.c. or greater. - At least 100 snags/100 acres > 9 inches d.r.c. and 10 feet or greater in height. - At least two logs/acre of down woody material 9 inches in diameter or greater and 10 feet long. - At least 5 percent of the forested lands able to produce old-growth in each 10K Block meets old-growth conditions at all times.	Addressed in plan components and/or management approaches.	FW-TerrERU-PJ-DC-10, FW-TerrERU-PJ-DC-11, FW-TerrERU-PJ-DC-12, FW-TerrERU-PJ-DC-5, FW-TerrERU-PJ-DC-7, FW-TerrERU-PJ-G-5

Management Area 7 – Pinon-Juniper Woodland, Less Than 40 Percent Slopes			
Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
152	Develop projects using the following criteria, that ensure perpetuation of the woodland vegetation type and to maintain wildlife habitat: - Created openings in areas that have been identified as historic big game winter range are designed so that an animal will be no more than 10 chains (660 feet) from hiding cover at any location within the opening. - Harvested areas are separated from adjacent areas by at least an 8 chain wide untreated strip. - Cover corridors are laid out to connect treated areas or breaks in terrain to provide interconnecting cover corridors. Known or suspected routes of game travel are used to lay out cover corridors. Corridors are managed to create at least 60 percent crown cover, and are at least 8 chains wide. - Use steep, rocky, or otherwise unmanaged areas useable by game to satisfy wildlife cover requirements to the extent possible (MA 8). Cover requirements are considered on a 10K Block basis. - At least 20 percent of the area within a 20 chain zone adjacent to pine stringers is managed for dense mature or overmature stands of pinyon/juniper. Gambel oak in these zones is managed to increase mast production. If operable ground extends to the edge of a sharp break in terrain, such as a deep, steep canyon or bluff, leave an untreated strip along the break, a minimum of 3 to 8 chains wide on at least 20 percent of the break, varied to fit the country, character, and density of the stand. The same treatment is given to toes of slope breaks in terrain. - Lay out projects to appear as natural configurations of the woodland. - There are usually 30 years difference between regeneration of any two adjoining stands. Manage to achieve where possible not more than one quarter of a stand's perimeter in common with an adjacent stand whose ages vary by less than 30 years. - Harvesting firewood for sustained production is done only on sites meeting minimum regeneration criteria or as a method to prepare sites for subsequent regeneration.	Addressed in plan components and/or management approaches.	FW-Eco-DC-1, FW-Fprod-DC-2, FW-Fprod-G-1, FW-Fprod-G-2, FW-TerrERU-All-DC-3, FW-TerrERU-PJ-DC-1, FW-TerrERU-PJ-DC-10, FW-TerrERU-PJ-DC-14, FW-TerrERU-PJ-DC-4, FW-TerrERU-PJ-DC-6, FW-TerrERU-PJ-DC-9, FW-WFP-DC-2, FW-WFP-DC-6, FW-WFP-G-3

Management Area 7 – Pinon-Juniper Woodland, Less Than 40 Percent Slopes			
Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
153	Develop projects using the following criteria, that ensure perpetuation of the woodland vegetation type and to maintain wildlife habitat (continued): - Unwanted, merchantable trees are disposed of through firewood sales on projects where tree removal is necessary. Large projects may need 3 years for disposal of trees by this method. - Where slash suitable for firewood is piled for burning, there is at least 2 years free-use firewood salvage before burning piles. - There is no firewood cutting in sensitive big game winter range from November 30 to April 15. - Manage for at least an average of 1.0 snag per acre on 40 percent of the pinyon-juniper woodland acres in each 10K Block. Snags are at least 9-inch d.r.c. and at least 10 feet high. - Microenvironment of some sites may warrant lopping or scattering created slash to improve regeneration success and forage production. - Cover is managed to provide at least 60 percent crown cover and at least 8 chains wide. Manage for hiding and thermal cover in known fawning and calving areas. - Manage for small game and nongame by leaving an average of one slash pile per 3 acres in the woodland type and/or leave lopped and scattered slash on 30 percent of area harvested. - An average of three unburned piles per acre are left on areas with piled slash to provide cover for birds and small animals or leave lopped and scattered slash on 30 percent of treatment area. - Manage for at least 30 percent cover. - Emphasize cover management in travelways, bedding areas, reproductive areas, and adjacent to dependable waters and key openings. - Cover is managed to provide at least 60 percent crown cover and at least 8 chains wide. Manage for hiding and thermal cover in known fawning and calving areas. - Manage for small game and nongame by leaving an average of one slash pile per 3 acres in the woodland type and/or leave lopped and scattered slash on 30 percent of area harvested. - Manage for at least an average of 1.0 snag per acre on 40 percent of the pinyon-juniper woodland acres in each 10K Block. Snags are at least 9-inch d.r.c. and at least 10 feet high.	Addressed in plan components and/or management approaches.	FW-Eco-DC-1, FW-Fprod-DC-2, FW-Fprod-G-1, FW-Fprod-G-2, FW-TerrERU-All-DC-3, FW-TerrERU-PJ-DC-1, FW-TerrERU-PJ-DC-10, FW-TerrERU-PJ-DC-14, FW-TerrERU-PJ-DC-4, FW-TerrERU-PJ-DC-6, FW-TerrERU-PJ-DC-9, FW-WFP-DC-2, FW-WFP-DC-6, FW-WFP-G-3

Management Area 7 – Pinon-Juniper Woodland, Less Than 40 Percent Slopes			
Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
153	Develop projects using the following criteria, that ensure perpetuation of the woodland vegetation type and to maintain wildlife habitat: Shelterwood – - Natural regeneration is planned during the regeneration period. No planting is done. Site preparation in conjunction with good seed crops (3-7 years for pinyon) may be done. - Intermediate cuts are designed to increase forage and wood fiber production. - Preparatory cuts are done as needed to prepare the stand for regeneration. - Seed cut is designed to leave a minimum of 20 to 50 trees/acre, depending on the amount of advanced regeneration present and the tree species mix desired. The number of residual trees is increased by 20 percent in areas to be managed for Christmas tree production. - Final removal is done when seedlings are established and certified. Average rotation length is 180 years. - Slash is lopped and scattered during regeneration.	Addressed in plan components and/or management approaches.	FW-Fprod-DC-2, FW-Fprod-G-2, FW-TerrERU-All-G-3, FW-TerrERU-All-S-2, FW-TerrERU-PJ-G-2, FW-WFP-G-3
153	Develop projects using the following criteria, that ensure perpetuation of the woodland vegetation type and to maintain wildlife habitat: Clear Cuts – - Clearcuts may also be used, particularly when regeneration of alligator juniper is desired. Average rotation length is 180 years. - Firewood harvests cut small patches of trees not to exceed 40 acres in size. The Regional Forester may approve cut areas greater than 40 acre.	Addressed in plan components and/or management approaches.	FW-Fprod-DC-2, FW-Fprod-G-2, FW-TerrERU-All-S-2, FW-TerrERU-All-S-3, FW-WFP-G-3
153	Develop projects using the following criteria, that ensure perpetuation of the woodland vegetation type and to maintain wildlife habitat: Unevenage – - Uneven-aged systems may also be used. Regeneration may be more certain with the single tree selection method.	Addressed in plan components and/or management approaches.	FW-Fprod-DC-2, FW-Fprod-G-2, FW-WFP-G-3
154	Pine stringers are noncontiguous, narrow communities of predominantly ponderosa pine that extend into the pinyon-juniper woodland below the normal elevational distribution of ponderosa pine. Manage pine stringers to emphasize wildlife habitat needs by maintaining turkey roosts and big game cover.	Addressed in plan components and/or management approaches.	FW-TerrERU-All-G-1, FW-TerrERU-All-G-4
155	Restrict firewood harvest and hauling to soil moisture conditions that do not cause excessive soil compaction, displacement, or puddling.	Addressed in plan components and/or management approaches.	FW-Fprod-DC-2, FW-Fprod-G-1, FW-Soil-DC-1, FW-Soil-DC-2, FW-Soil-G-2

Management Area 7 – Pinon-Juniper Woodland, Less Than 40 Percent Slopes			
Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
155	For each project area, identify each terrestrial ecosystem and assess soil properties to determine: - Soil potential for reforestation - Identify soils that are suitable or unsuitable for successful reforestation. - Soils that contain undesirable soil properties that determine regeneration or revegetation in an area as being difficult.	Addressed in plan components and/or management approaches.	FW-Soil-MgtApp-A, FW-Soil-MgtApp-B
155	Suppression objective is to minimize cost and provide for personnel safety. Areas mapped as urban interface have a suppression objective of 10 acres or less. In areas outside the urban interface, the suppression objective is to hold fires to 1,000 acres or less.	Addressed in plan components and/or management approaches.	FW-Fire-DC-1, FW-Fire-DC-2, FW-Fire-DC-3, FW-Fire-G-2, FW-Fire-MgtApp-A, FW-TerrERU-All-G-2, FW-WUI-DC-1, FW-WUI-DC-2, FW-WUI-DC-3, FW-WUI-DC-4
155	Prescribed fire using planned and unplanned ignitions is used to accomplish resource objectives except no provision for unplanned ignitions in areas included in urban interface.	Addressed in plan components and/or management approaches.	FW-Fire-DC-2, FW-Fire-G-2, FW-Fire-MgtApp-A, FW-TerrERU-All-G-2, FW-WUI-DC-4

Management Area 8 – Pinyon-Juniper Woodland, Greater Than 40 Percent Slopes

Management Area 8 – Pinyon-Juniper Woodland, Greater Than 40 Percent Slopes			
Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
156	Manage for the following indicator species: ¨ Plain titmouse ¨ Mule deer ¨ Elk	Addressed in plan components and/or management approaches.	FW-WFP-DC-1, FW-WFP-G-3
156	During winter months in key wildlife winter ranges provide water where needed using bubblers to prevent freezing.	Addressed in plan components and/or management approaches.	FW-ConstWat-DC-1, FW-WFP-DC-8, FW-WFP-MgtApp-A, FW-WFP-MgtApp-D

Management Area 8 – Pinyon-Juniper Woodland, Greater Than 40 Percent Slopes			
Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
157	Old Growth - At least 3,000 trees/100 acres of 9 inches d.r.c. or greater. - At least 100 snags/100 acres > 9 inches d.r.c. and 10 feet or greater in height. - At least two logs/acre of down woody material 9 inches in diameter or greater and 10 feet long. - Not less than 5 percent of the forested lands capable of producing old-growth in each 10K Block meets old-growth conditions at any time.	Addressed in plan components and/or management approaches.	FW-Fprod-DC-2, FW-TerrERU-PJ-DC-10, FW-TerrERU-PJ-DC-11, FW-TerrERU-PJ-DC-12, FW-TerrERU-PJ-DC-5, FW-TerrERU-PJ-DC-7, FW-TerrERU-PJ-G-5
157	Suppression objective 250 acres or less except where included in urban interface.	Addressed in plan components and/or management approaches.	FW-Fire-DC-2, FW-Fire-DC-3, FW-Fire-G-2, FW-Fire-MgtApp-A, FW-TerrERU-All-G-2, FW-WUI-DC-1, FW-WUI-DC-2, FW-WUI-DC-3, FW-WUI-DC-4
157	Prescribed fire using planned and unplanned ignitions is used to accomplish resource objectives except no provision for unplanned ignitions in areas included in urban interface.	Addressed in plan components and/or management approaches.	FW-Fire-DC-2, FW-Fire-DC-3, FW-Fire-G-2, FW-TerrERU-All-G-2, FW-WUI-DC-2, FW-WUI-DC-3, FW-WUI-DC-4

Management Area 9 – Mountain Grassland

Management Area 9 – Mountain Grassland			
Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
158	Manage for the following indicator species: ¨ Antelope ¨ Elk	Addressed in plan components and/or management approaches.	FW-WFP-DC-1, FW-WFP-G-3
159	When springs are developed in meadow communities, riparian areas, or other sensitive areas, protect these areas by piping the water to water developments in adjacent, less sensitive areas.	Addressed in plan components and/or management approaches.	FW-Rip-Spr-G-4

Management Area 9 – Mountain Grassland			
Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
160	Maintain existing mountain meadows by removing invading overstory by cutting or other methods, gully stabilization to raise the water table, soil scarification, and seeding with appropriate grass and forage species.	Addressed in plan components and/or management approaches.	FW-TerrERU-All-G-1, FW-TerrERU-All-G-3, FW-Water-DC-1, FW-WFP-G-3
160	Control livestock grazing by management and/or fencing to allow adequate regeneration of grasses and forbs.	Addressed in plan components and/or management approaches.	FW-Graz-G-2, FW-Graz-G-4
160	Increase forage production by attaining a balanced composition of cool and warm season forage species.	Addressed in plan components and/or management approaches.	FW-Graz-G-1, FW-Graz-G-2, FW-TerrERU-All-DC-2, FW-TerrERU-Grass-DC-4
160	Manage mountain grasslands to achieve 90 percent of potential ground cover to prevent accelerated surface erosion and gully formation. Areas that presently do not meet these standards are scarified and seeded to bring ground cover to the desired level by the second decade. Restricting livestock may be necessary until revegetation.	Addressed in plan components and/or management approaches.	FW-Soil-DC-3, FW-TerrERU-Grass-DC-1
160	Identify each terrestrial ecosystem and assess soil properties to determine: - Soil limitations for soil scarification purposes. The method of soil scarification best suited for the soils of the project area. - Soil potential for revegetation - Identify soils that are suitable or unsuitable for successful revegetation, erosion hazard, and on-site soil loss. Soils with a potential erosion hazard rating of severe will require specific resource management activities in order to avoid severe impairment of soil productivity.	Addressed in plan components and/or management approaches.	FW-Soil-MgtApp-A, FW-Soil-MgtApp-B
160	Plan and implement cost effective stream channel restoration projects to raise the water table in meadow areas where channel erosion has resulted in a lowering of the water table.	Addressed in plan components and/or management approaches.	FW-TerrERU-Grass-O-3, FW-Water-DC-2, FW-Water-DC-6, FW-Water-G-4
160	Generally, avoid construction of new roads. Relocate and reconstruct around this roads around this MA whenever possible.	Addressed in plan components and/or management approaches.	FW-RdsFac-DC-1, FW-RdsFac-G-5
161	Suppression objective is to minimize suppression costs and provide for personnel safety. Suppression objective of 10 acres or less in areas mapped as urban interface. In areas outside the urban interface the suppression objective is to hold fires to 100 acres or less. Suppression methods are chosen to minimize damage to the resource.	Addressed in plan components and/or management approaches.	FW-Fire-DC-1, FW-Fire-DC-2, FW-Fire-DC-3, FW-Fire-G-2, FW-Fire-MgtApp-A, FW-TerrERU-All-G-2, FW-WUI-DC-2, FW-WUI-DC-3, FW-WUI-DC-4

Management Area 9 – Mountain Grassland			
Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
161	Prescribed fire using planned and unplanned ignitions is used to accomplish resource objectives except no provision for unplanned ignitions in areas included in urban interface.	Addressed in plan components and/or management approaches.	FW-Fire-DC-2, FW-Fire-DC-3, FW-Fire-G-2, FW-Fire-MgtApp-A, FW-TerrERU-All-G-2, FW-WUI-DC-2, FW-WUI-DC-3, FW-WUI-DC-4

Management Area 10 – Grassland and Sparse Pinon-Juniper Above the Rim

Management Area 10 – Grassland and Sparse Pinon-Juniper Above the Rim			
Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
162	Manage for the following indicator species: ¨ Antelope	Addressed in plan components and/or management approaches.	FW-WFP-DC-1, FW-WFP-G-3
163	Roadside signing is a part of the visitor experience, and is of high quality. Signing, interpretive, informative, or regulatory is done in a positive manner.	Addressed in plan components and/or management approaches.	FW-InterpEd-DC-1, FW-InterpEd-DC-2, FW-RdsFac-G-3, FW-Rec-All-MgtApp-A, MA-Walnut-MgtApp-A
163	Speed limits are posted and maintained by the Park Service.	Addressed in plan components and/or management approaches.	FW-RdsFac-G-3, FW-Rec-All-MgtApp-A, MA-Walnut-MgtApp-A
163	The fenced boundary is signed as "National Forest Land Administered by the Park Service."	Addressed in plan components and/or management approaches.	FW-Rec-All-MgtApp-A, MA-Walnut-MgtApp-A
163	The Forest and the Park Service cooperate together in fire suppression activities. A joint agreement is annually prepared to describe in detail the nature of the cooperation.	Addressed in plan components and/or management approaches.	FW-Fire-MgtApp-D

Management Area 10 – Grassland and Sparse Pinon-Juniper Above the Rim			
Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
163	Prescribed burning to reduce hazardous fuels is approved jointly by the Forest and the Park Service. Activities may be proposed by either agency.	Addressed in plan components and/or management approaches.	FW-Fire-G-2, FW-Fire-MgtApp-B, FW-Fire-MgtApp-D
164	Control invasion of undesirable plant species when necessary to improve and protect wildlife habitat values. Prescribed burning will be one specific practice used, especially where needed to improve wildlife habitat.	Addressed in plan components and/or management approaches.	FW-Fire-MgtApp-B, FW-Invas-DC-1, FW-WFP-G-3
164	Maintain a seral grassland state on pinyon-juniper lands where type conversions have occurred in the past, with the exception that corridors of cover for wildlife habitat, determined through environmental analysis, may be allowed to develop through regrowth of pinyon-juniper. Initiate a retreatment schedule of approximately 25 years. Retreatments are accomplished through one or all of the following methods (see Table 12): - Individual tree pushing or cutting; - Prescribed burning; - Chemical treatments.	Addressed in plan components and/or management approaches.	FW-Graz-G-2, FW-TerrERU-All-DC-2, FW-TerrERU-All-G-3, FW-TerrERU-Grass-DC-1, FW-TerrERU-PJ-G-1
165	Pinyon-juniper woodlands that have not been previously treated, but are in the 0 to 10 percent canopy cover class as a result of past fire and subsequent successional development, are evaluated through the environmental analysis process to determine if they are included among lands maintained as seral grasslands. The criteria used for physical/biological suitability are the rating of soil potential for revegetation and the erosion potential as outlined in the Terrestrial Ecosystems Survey Handbook (TESH, January 7, 1985).	Addressed in plan components and/or management approaches.	FW-Soil-MgtApp-A, FW-Soil-MgtApp-B, FW-TerrERU-Grass-DC-1, FW-TerrERU-PJ-G-1, FW-TerrERU-PJ-MgtApp-A
165	Identify terrestrial ecosystems and assess soil properties to determine: - Soil limitations for soil scarification purposes. - The method of soil scarification best suited for the soils of the project area. - Soil potential for revegetation - Identify soils that are suitable or unsuitable for successful revegetation. - Erosion hazard and on-site soil loss - Soils with a potential erosion hazard rating of severe will require specific resource management activities in order to avoid severe impairment of soil productivity.	Addressed in plan components and/or management approaches.	FW-Scenic-MgtApp-A, FW-Soil-MgtApp-B
165	Suppression objective is to minimize cost and provide for personnel safety. Suppression objective is 10 acres or less in areas mapped as the urban interface. In areas outside urban interface, the suppression objective is to hold fire to 1,000 acres or less.	Addressed in plan components and/or management approaches.	FW-Fire-DC-1, FW-Fire-DC-2, FW-Fire-DC-3, FW-Fire-G-2, FW-Fire-MgtApp-A, FW-TerrERU-All-G-2, FW-WUI-DC-2, FW-WUI-DC-3, FW-WUI-DC-4

Management Area 10 – Grassland and Sparse Pinon-Juniper Above the Rim			
Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
165	Prescribed fire using planned and unplanned ignitions is used to accomplish resource objectives except no provision for unplanned ignitions in areas included in urban interface.	Addressed in plan components and/or management approaches.	FW-Fire-DC-2, FW-Fire-DC-3, FW-Fire-G-2, FW-Fire-MgtApp-A, FW-TerrERU-All-G-2, FW-WUI-DC-2, FW-WUI-DC-3, FW-WUI-DC-4

Management Area 11 – Verde Valley

Management Area 11 – Verde Valley			
Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
166	Manage for the following indicator species: ¨ Antelope	Addressed in plan components and/or management approaches.	FW-WFP-DC-1, FW-WFP-G-3
167	Verde Valley is managed for dispersed recreation along the upper Verde River outside the Wild and Scenic section and along lower Oak Creek. Coordinate management of areas adjacent to, and clearly visible from, the portion of the Verde River classified as Wild and Scenic with the Verde River Implementation Plan. Place special emphasis on maintaining ROS class compatible with management and use of the Wild and Scenic River.	Addressed in plan components and/or management approaches.	FW-Rec-All-DC-2, FW-Rec-All-G-1, MA-VerdeV-DC-2, MA-VerdeV-DC-3, MA-VerdeV-DC-4, MA-VerdeV-G-2, SA-WSR-DC-2, SA-WSR-DC-5, SA-WSR-DC-6, SA-WSR-G-1
167	Coordinate with Dead Horse State Park for connecting trails and access roads adjacent to the Park. These trails/roads are consistent with more complete service to the public and other resource management support.	Addressed in plan components and/or management approaches.	FW-RdsFac-DC-1, FW-Rec-Trails-DC-1, FW-Rec-Trails-G-1, FW-Rec-Trails-MgtApp-C, MA-VerdeV-DC-3, MA-VerdeV-MgtApp-D

Management Area 11 – Verde Valley			
Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
167	Manage the segment of West Clear Creek downstream from the wilderness to Clear Creek Campground and the segment of Wet Beaver Creek downstream from the wilderness to the private land boundary at the section line between sections 22 and 23, T. 15N., R. 6E. to maintain their free flowing status and their scenic and recreational values. Manage to avoid impacts that would disqualify them from future study and possible designation as scenic, recreational, or other equivalent classification. Evaluate activities and proposed developments that are visible from or that could affect the physical character or ROS class through the environmental analysis process. Proposed developments evaluated in this manner include, but are not limited to, impoundments and new water diversions (unless directed otherwise by legislation), developed recreation sites, and road building. Manage livestock grazing and vehicular access to maintain ROS class and recreation/scenic values.	Addressed in plan components and/or management approaches.	FW-Graz-G-2, FW-Rec-Disp-DC-2, SA-WSR-DC-1, SA-WSR-G-1
167	Access likely to cause disturbance is prohibited in the vicinity of nesting bald eagles between December 1 and June 15 (Closure Order 16-52, October 23, 1984). If eagles occupy a nest territory earlier or later, the closure period may be lengthened or shortened.	Addressed in plan components and/or management approaches.	FW-WFP-MgtApp-F, FW-WFP-S-2, MA-VerdeV-S-1
168	Determine the need to control invasion of undesirable plant species in antelope range to improve and protect wildlife habitat values. Where necessary, implement the control measures, such as prescribed burning to improve antelope habitat.	Addressed in plan components and/or management approaches.	FW-Fire-G-2, FW-Fire-MgtApp-B, FW-Invas-DC-1, FW-Invas-G-1, FW-WFP-DC-1, FW-WFP-DC-3, FW-WFP-G-3
168	Stabilize gullies, scarify the soil, and seed disturbed soils species mix tailored for the site, emphasizing high production, shade tolerant, and multi-growing season species. Control livestock grazing through management and/or fencing to allow for adequate revegetation.	Addressed in plan components and/or management approaches.	FW-Graz-DC-2, FW-Graz-G-3, FW-Graz-G-4, FW-Graz-MgtApp-A, FW-Graz-MgtApp-B, FW-TerrERU-All-G-1, FW-TerrERU-All-G-3

Management Area 11 – Verde Valley			
Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
169	Identify terrestrial ecosystems and assess soil properties to determine: - Soil limitations for soil scarification purposes. - The method of soil scarification best suited for the soils of the project area. - Soil potential for revegetation - Identify soils that are suitable or unsuitable for successful revegetation. - Erosion hazard and on-site soil loss - Soils with a potential erosion hazard rating of severe will require specific resource management activities in order to avoid severe impairment of soil productivity.	Addressed in plan components and/or management approaches.	FW-Soil-DC-1, FW-Soil-MgtApp-A, FW-Soil-MgtApp-B
170	Suppression objective is to minimize cost and provide for personnel safety except suppression objective is 10 acres or less in areas mapped as the urban interface. In areas outside the urban interface, the suppression objective is to hold fires to 1,000 acres or less.	Addressed in plan components and/or management approaches.	FW-Fire-DC-1, FW-Fire-DC-2, FW-Fire-DC-3, FW-Fire-G-2, FW-Fire-MgtApp-A, FW-TerrERU-All-G-2, FW-WUI-DC-2, FW-WUI-DC-3, FW-WUI-DC-4
170	Prescribed fire using planned and unplanned ignitions is used to accomplish resource objectives except no provision for unplanned ignitions in areas included in urban interface.	Addressed in plan components and/or management approaches.	FW-Fire-DC-2, FW-Fire-DC-3, FW-Fire-G-2, FW-Fire-MgtApp-A, FW-Fire-MgtApp-B, FW-TerrERU-All-G-2, FW-WUI-DC-2, FW-WUI-DC-3, FW-WUI-DC-4

Management Area 12 – Riparian and Open Water

Management Area 12 – Riparian and Open Water			
Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
172	An interdisciplinary team approach will be used on management activities such as timber sales, allotment management plans, and other management activities to prescribe specific management practices to meet the goal of riparian area recovery by 2030. Manage riparian areas based on the potential to support riparian vegetation. Potential is determined through a consensus of an interdisciplinary review. In order to achieve certain aspects of recovery, such as establishing three age classes of woody riparian vegetation, implementing riparian Standards and Guidelines occurs in the first decade. Riparian areas provide a filter strip of vegetation, important for filtering sediments generated from upslope soil erosion. Eighty percent of the riparian recovery is expected by 2030. The remaining 20 percent will be significantly improved, but will not have all of the characteristics of a fully recovered riparian area. The goals and objectives for elk populations and for livestock grazing affect achievement of the full recovery.	Addressed in plan components and/or management approaches.	FW-Graz-G-2, FW-Graz-MgtApp-A, FW-Rip-All-DC-1, FW-Rip-All-DC-5, FW-Rip-All-G-1, FW-Rip-All-G-2, FW-Rip-All-G-3, FW-Rip-All-MgtApp-A, FW-Rip-Strm-G-2, FW-Rip-Strm-MgtApp-A, FW-WFP-MgtApp-A, FW-WFP-MgtApp-C
172	Manage for the following indicator species: ¨ Cinnamon teal ¨ Lincoln's sparrow ¨ Yellow breasted chat ¨ Lucy's Warbler ¨ Macroinvertebrates	Addressed in plan components and/or management approaches.	FW-WFP-DC-1, FW-WFP-G-3
173	Do not issue outfitter/guide permits or permit use which causes significant change for the ROS social or managerial setting, e.g., airboats or seaplanes.	Addressed in plan components and/or management approaches.	FW-Rec-All-DC-4, FW-Rec-All-G-2, FW-SpecUse-G-17
173	The following applies to riparian areas, whether they are large enough to be mapped out or not. Wetlands and open water containing emergent vegetation which provide nesting habitat are protected from disturbing uses that will harass nesting birds, such as activities that are noisy or would damage nests or nesting habitat from May 1 to July 15.	Addressed in plan components and/or management approaches.	FW-WFP-G-3, FW-WFP-G-8, FW-WFP-MgtApp-F, FW-WFP-S-2

Management Area 12 – Riparian and Open Water			
Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
174	Meet the following Riparian Standards in the Regional Guide for 80 percent of riparian areas above the Rim and 90 percent below the Rim by the year 2030: - Maintain at least 80 percent of the potential overstory crown coverage. - Maintain at least three age classes of woody riparian species, with at least 10 percent of the woody plant cover in sprouts, seedlings, and saplings. - Maintain at least 80 percent of the potential stream shading from June to September along perennial cold and cool water streams. - Maintain at least 80 percent of the potential shrub cover in high elevation areas. - Maintain at least 80 percent of the potential emergent vegetation cover from May 1 to July 15 in key wetlands. - Maintain at least 80 percent of the spawning gravel surface free of inorganic sediment. - Maintain at least 80 percent of streambank total linear distance in stable condition. - Retain snags in riparian areas that are not a safety hazard.	Addressed in plan components and/or management approaches.	FW-Rip-All-DC-1, FW-Rip-RipType-DC-1, FW-Rip-RipType-DC-2, FW-Rip-RipType-DC-3, FW-Rip-RipType-O-1, FW-Rip-Spr-DC-1, FW-Rip-Spr-DC-2, FW-Rip-Strm-DC-1, FW-Rip-Strm-DC-3, FW-Rip-Strm-DC-4, FW-Rip-Wtlnds-DC-2, FW-WFP-O-1, FW-WFP-O-2, FW-WFP-O-3, FW-WFP-O-4
174	Measures such as fencing to exclude livestock, vegetation projects, and special management prescriptions will be undertaken until the affected areas are brought into satisfactory riparian condition.	Addressed in plan components and/or management approaches.	FW-Graz-G-4, FW-Rip-All-G-1, FW-Rip-All-G-3, FW-Rip-All-MgtApp-A, FW-Rip-Strm-G-2, FW-Rip-Strm-MgtApp-A
174	Coordinate with other resource functions to pursue instream flow rights to protect aquatic ecosystems, fish, and wildlife.	Addressed in plan components and/or management approaches.	FW-Rip-All-DC-1, FW-Rip-All-DC-2, FW-Rip-All-DC-3, FW-Water-G-3, FW-Water-MgtApp-D, FW-Water-MgtApp-E, FW-Water-MgtApp-G, FW-Water-MgtApp-H
174	Maintain or improve nesting cover and waterfowl forage on existing waterfowl islands and shorelines. In conjunction with construction of waterfowl islands seed herbaceous species unpalatable to large herbivores.	Addressed in plan components and/or management approaches.	FW-WFP-DC-2, FW-WFP-DC-3, FW-WFP-DC-8, FW-WFP-G-3, FW-WFP-MgtApp-A, FW-WFP-MgtApp-B, FW-WFP-MgtApp-C, FW-WFP-MgtApp-D
175	Maintain riparian and meadow communities by providing waters for wildlife and livestock away from these sensitive areas.	Addressed in plan components and/or management approaches.	FW-ConstWat-DC-1, FW-ConstWat-G-1, FW-Graz-G-2, FW-Graz-MgtApp-A, FW-Rip-All-G-1, FW-Rip-All-G-2

Management Area 12 – Riparian and Open Water			
Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
175	Modify watershed improvement structures where possible to provide water for wildlife.	Addressed in plan components and/or management approaches.	FW-TerrERU-All-G-1, FW-WFP-DC-3, FW-WFP-G-3
175	Manage lakes and streams to improve fisheries habitat by constructing structures and barriers as appropriate based on environmental analysis and on professional judgment of the responsible official and resource specialist: - Install 10 stream improvement projects on perennial streams in first decade; Improve fish habitat through placement of 200 cover structures on lake bottoms during the first decade; Create spawning habitat of 10 acres per year in lakes in the first decade.	Addressed in plan components and/or management approaches.	FW-WFP-DC-4, FW-WFP-DC-6, FW-WFP-DC-8, FW-WFP-DC-9, FW-WFP-MgtApp-D, FW-WFP-O-1, FW-WFP-O-2, FW-WFP-O-4
175	Salt is used to help achieve proper livestock grazing distribution. Permanent salt is not placed within 1/4 mile of the edge of any riparian area. Temporary salting may be approved if it will help to achieve a specific management objective for enhancement of riparian areas.	Addressed in plan components and/or management approaches.	FW-Graz-DC-2, FW-Graz-G-5, FW-Graz-MgtApp-A, FW-Graz-MgtApp-B
175	Proper allowable use within MA 12 is not to exceed 20 percent on the woody vegetation.	Addressed in plan components and/or management approaches.	FW-Graz-DC-2, FW-Graz-G-2, FW-Graz-MgtApp-A, FW-Graz-MgtApp-B, FW-Rip-All-DC-1, FW-Rip-All-G-1
176	Favor the establishment of woody riparian vegetation, where potential natural vegetation has been determined through an interdisciplinary process to include woody riparian species. Control livestock grazing through management and/or fencing to allow for adequate establishment of vegetation and the elimination of overuse. Evaluate seeding projects for effects on concentrating livestock use in riparian and other sensitive areas.	Addressed in plan components and/or management approaches.	FW-Graz-G-4, FW-Graz-MgtApp-A, FW-Graz-MgtApp-B, FW-Rip-All-DC-5, FW-Rip-All-G-1, FW-Rip-RipType-G-3
176	No precommercial thinning or piling thinning slash in riparian areas or areas that have riparian characteristics.	Addressed in plan components and/or management approaches.	FW-Fprod-DC-1, FW-Fprod-DC-2, FW-Fprod-G-1, FW-Rip-All-DC-1, FW-Rip-All-G-1
176	Plan for suitable filter strips between streamcourses and disturbed areas and/or road locations. See Filter Strip Table in Forest-wide Standards and Guidelines under Watershed/Soil/Air, F2. Plan for suitable filter strips between stream courses and ground disturbing activities including roads.	Addressed in plan components and/or management approaches.	FW-RdsFac-DC-2, FW-RdsFac-G-1, FW-RdsFac-G-5, FW-Rip-All-G-3, FW-Rip-All-MgtApp-A, FW-Rip-Strm-G-2, FW-Rip-Strm-MgtApp-A, FW-Water-MgtApp-L

Management Area 12 – Riparian and Open Water			
Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
176	Conduct an on-site soil investigation where needed to identify soil properties of riparian sites not delineated in the T.E.S. inventory due to mapping scale and inclusions such as soils with aquic subgroups, aquic soil moisture regimes, and poorly drained properties.	Addressed in plan components and/or management approaches.	FW-Soil-MgtApp-A, FW-Soil-MgtApp-B
177	Mineral material excavation with the riparian zone may be allowed after environmental analysis. Authorized mineral activities will maintain or improve riparian conditions.	Addressed in plan components and/or management approaches.	FW-Minerals-DC-1, FW-Minerals-G-1, FW-Minerals-G-4, FW-Rip-All-G-1, FW-Rip-All-G-2, FW-Rip-All-G-3, FW-Rip-All-MgtApp-A
177	New special-uses are normally not allowed in riparian areas unless they benefit riparian management. Exceptions which cannot be avoided, such as utility lines or roads crossing stream courses, are designed to minimize the amount of riparian affected and the degree of effects.	Addressed in plan components and/or management approaches.	FW-SpecUse-G-1, FW-SpecUse-G-3
177	Fight fire aggressively, if necessary, to prevent resource damage, using suppression methods that minimize long-term adverse impacts to riparian habitats.	Addressed in plan components and/or management approaches.	FW-Fire-DC-2, FW-Fire-DC-3, FW-Fire-G-2, FW-Rip-All-G-1

Management Area 13 – Cinder Hills Off-Highway Vehicle Area

Management Area 13 – Cinder Hills Off-Highway Vehicle Area			
Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
179	Actively manage for OHV use by increasing facilities to match use, better signing and trail designation, more on-site presence, and road improvement. Coordinate administration/enforcement with the National Park Service.	Addressed in plan components and/or management approaches.	FW-InterpEd-DC-3, FW-InterpEd-DC-5, FW-Rec-All-G-8, FW-Rec-Disp-G-1, FW-Rec-Trails-DC-6, MA-VolcanWd-DC-3, MA-VolcanWd-MgtApp-A, MA-VolcanWd-MgtApp-B
179	Management Indicator Species for this MA are mule deer, pygmy nuthatch, and hairy woodpecker	Addressed in plan components and/or management approaches.	FW-WFP-DC-1, FW-WFP-G-3

	Management Area 13 – Cinder Hills Off-Highway Vehicle Area		
Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
179	Manage for Visual Quality Objectives (VQO's) of Partial Retention, and Modification. The VQO's should be Partial Retention as seen from Doney Park, Highway 89, Sunset Crater Volcano National Monument vistas, and FR 545; and Modification from roads crossing the area.	Addressed in plan components and/or management approaches.	FW-Scenic-DC-2, FW-Scenic-G-1, MA-VolcanWd-DC-5
179	Manage OHV use to provide recreational opportunities and coordinate with needs of other recreation users and other resources.	Addressed in plan components and/or management approaches.	FW-Rec-All-DC-6, FW-Rec-All-G-1, FW-Rec-Disp-DC-1, FW-Rec-Disp-DC-2, FW-Rec-Disp-G-1, FW-Rec-Disp-MgtApp-E, MA-VolcanWd-DC-3, MA-VolcanWd-MgtApp-A, MA-VolcanWd-MgtApp-B
180	See the Objectives for Recreation Opportunity Spectrum map (Appendix M) and manage uses to meet these objectives. On busy summer weekends, the number of encounters with other recreationists will likely be outside parameters set for Semi-primitive settings and this is acceptable.	Addressed in plan components and/or management approaches.	FW-Rec-All-DC-4, FW-Rec-All-DC-6, FW-Rec-All-G-2

Management Area 13 – Cinder Hills Off-Highway Vehicle Area			
Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
180	This MA is open to unrestricted cross-country travel except where signed closed. Other portions may be closed in the future based on reasons listed below. The area also contains some designated routes for entry and navigation through the area. Reasons for closing areas may include: - Protection of geologic features tied to Sunset Crater - Scenic integrity of steep slopes facing the Sunset Crater Overlook, the Doney Park communities, and Highway 89 - Presence of archaeological sites that could be damaged (usually located under a cinder layer) or other places of traditional cultural importance - Maintenance of ground vegetation necessary for ecosystem function - Sensitive plant locations, such as Penstemon cluteii - Needs of off-road users - User safety - Manageability - Excessive erosion resulting in cinder removal down to mineral soil and subsequent erosion or resulting bare tree roots exposed at mineral soil Reasons for keeping areas open may include: - Low visibility from communities or from the Monument (interior of this MA) - Quality of the ATV/sandrail experience - To provide for a variety of OHV experiences - Proximity to camping areas - Low or absent vegetative cover	Addressed in plan components and/or management approaches.	FW-Eco-DC-1, FW-Hrtg-DC-1, FW-Rec-All-DC-6, FW-Rec-All-G-1, FW-Scenic-DC-2, MA-VolcanWd-DC-1, MA-VolcanWd-DC-5
181	Vehicle sound emissions will be required to meet State standards, or in the absence of State standards, industry or other standards.	Reference to controlling authority not repeated in plan component, but proposed revised plan includes additional direction related to this topic.	FW-Rec-All-DC-10, FW-Rec-All-G-1, FW-Rec-All-G-2, FW-Rec-Disp-DC-2
181	Improve and maintain boundary and interior signing. Cooperate with NPS to construct a physical barrier delineating the OHV area from the National Monument boundary if motorized incursions continue.	Addressed in plan components and/or management approaches.	FW-Rec-Disp-DC-2, FW-Rec-Disp-G-1, FW-Rec-Disp-S-1, MA-VolcanWd-DC-3, MA-VolcanWd-MgtApp-B

Management Area 13 – Cinder Hills Off-Highway Vehicle Area			
Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
181	Improve or re-locate improved roads and locate camping in order to disperse riders, provide additional areas for enjoyment, and lessen use in sensitive areas. This includes limiting through traffic to the Sunset Volcano-Wupatki Scenic Loop Drive (FR545), and improvement of roads in the interior of the area. Criteria for access and camping design include: location of riding areas, presence of Penstemon cluteii habitat, dispersing riders, improving visual quality, and protection and rehabilitation needs of impaired vegetation and soils.	Addressed in plan components and/or management approaches.	FW-RdsFac-G-1, FW-RdsFac-G-7, FW-Rec-All-G-1, FW-Rec-All-G-2, FW-Rec-Disp-MgtApp-B
182	There are known populations of non-native and invasive plants in this MA (examples are diffuse knapweed and camelthorn). Continue efforts to control or eradicate plants, especially along roadways.	Addressed in plan components and/or management approaches.	FW-Invas-DC-1, FW-Invas-DC-2, FW-Invas-G-1, FW-Invas-MgtApp-A, FW-Invas-MgtApp-D
182	Prescribed fire using planned and unplanned ignitions is used to accomplish resource objectives except there is no provision for unplanned ignitions in areas included in the urban interface.	Addressed in plan components and/or management approaches.	FW-Fire-DC-2, FW-Fire-DC-3, FW-Fire-G-2, FW-Fire-MgtApp-A, FW-TerrERU-All-G-2, FW-WUI-DC-2, FW-WUI-DC-3, FW-WUI-DC-4
183	Protect areas that are directly tied to the Sunset Crater eruption for future research, and visitor interpretation of the geologic story. Coordinate with the NPS to inventory, map, and assess conditions of the geologic features.	Addressed in plan components and/or management approaches.	MA-VolcanWd-DC-1, MA-VolcanWd-DC-3, MA-VolcanWd-MgtApp-A, MA-VolcanWd-MgtApp-B
183	Work with and establish interpretive messages and programs with the National Park Service and volunteers from OHV users. Including improved signing, information kiosks, and interpretive message at the Cinder Hills Overlook. Provide signing and information aimed at the following objectives: to prevent lost riders, to show opportunities of where to ride, to clearly depict boundaries and eliminate encroachment into Sunset Crater Volcano National Monument, and to identify dangerous and/or closed areas.	Addressed in plan components and/or management approaches.	FW-InterpEd-DC-2, FW-InterpEd-DC-3, FW-InterpEd-DC-5, FW-InterpEd-MgtApp-C, FW-Rec-Disp-G-1, MA-VolcanWd-G-1, MA-VolcanWd-MgtApp-A, MA-VolcanWd-MgtApp-B
183	Coordinate with Sunset Crater Volcano and Wupatki National Monuments in managing dispersed recreation use adjacent to the Monuments.	Addressed in plan components and/or management approaches.	FW-Rec-Disp-MgtApp-C, FW-Rec-Disp-MgtApp-E, MA-VolcanWd-MgtApp-A

Management Area 14 – Oak Creek Canyon

Management Area 14 – Oak Creek Canyon			
Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
184	Consider recreation management methods that are consistent with wildlife habitat direction.	Addressed in plan components and/or management approaches.	FW-Rec-All-G-1, FW-WFP-DC-1, FW-WFP-G-3
184	Participate with the Oak Creek Water Quality Task Force and assist with implementation of its recommendations. Collaborate with County and State governments to protect public health and safety by defining water quality monitoring and public health and safety risk management.	Addressed in plan components and/or management approaches.	FW-Water-MgtApp-A, FW-Water-MgtApp-N
184	Explore the need for and feasibility of reducing campfire smoke in Oak Creek Canyon from April to November to improve habitat conditions for bats, birds and other wildlife species.	Addressed in plan components and/or management approaches.	FW-Rec-All-G-1, FW-WFP-DC-1, FW-WFP-G-3, MA-OakCrk-DC-10, MA-OakCrk-G-10
184	Use prescribed fire and mechanical methods to achieve fire management goals.	Addressed in plan components and/or management approaches.	FW-Fire-G-2, FW-Fire-MgtApp-A, FW-Fire-MgtApp-B, FW-TerrERU-All-G-1
184	Ensure adequate instream flow to maintain aquatic communities and water sources for wildlife.	Addressed in plan components and/or management approaches.	FW-Eco-DC-1, FW-Rip-All-DC-2, FW-Rip-Strm-DC-1, FW-Rip-Strm-DC-4, FW-Water-DC-2, FW-Water-G-3, FW-WFP-DC-1
185	Initiate collaboration with the AG&FD and the USFWS to determine the feasibility of reintroducing Gila trout into Oak Creek.	Addressed in plan components and/or management approaches.	FW-WFP-MgtApp-A
185	Support research efforts that further define the habitat requirements of native fish and bat populations. Protect and/or restore habitat conditions that may be limiting these populations.	Addressed in plan components and/or management approaches.	FW-WFP-DC-1, FW-WFP-G-3, FW-WFP-MgtApp-B
185	Ensure that there is an appropriate range of spawning, rearing and overwintering habitat to support the native fish community in Oak Creek.	Addressed in plan components and/or management approaches.	FW-Eco-DC-1, FW-Water-DC-1, FW-WFP-DC-1, FW-WFP-DC-4, FW-WFP-G-3

Management Area 14 – Oak Creek Canyon			
Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
185	Ensure that woody materials, such as logs, tree limbs and snags, are present in riparian communities for prey base habitat, aquatic nutrient cycling and soil retention consistent with public safety.	Addressed in plan components and/or management approaches.	FW-Rip-RipType-DC-4, FW-Rip-RipType-DC-5, FW-Rip-Strm-DC-4, FW-Water-DC-2, FW-WFP-DC-3, FW-WFP-DC-4
185	Acquire undeveloped private property needed to protect critical riparian habitats.	Addressed in plan components and/or management approaches.	FW-LndAdj-G-1
185	Water quality in Oak Creek must comply with Arizona State water quality standards and the State Unique Water status of Oak Creek.	Addressed in plan components and/or management approaches.	FW-Water-DC-6, FW-Water-DC-7, MA-OakCrk-MgtApp-C
185	Discourage facility investments within the Oak Creek 100-year floodplain.	Addressed in plan components and/or management approaches.	FW-RdsFac-DC-6, FW-Rec-All-G-1, FW-Rec-Dev-G-1, FW-Rip-All-G-3, FW-Rip-All-MgtApp-A, FW-Rip-Strm-DC-1, FW-Rip-Strm-DC-3, FW-Rip-Strm-G-2, FW-Rip-Strm-MgtApp-A
185	Cooperate with the AG&FD to stock fish and provide fishing access to meet goals and objectives of the Arizona Cold Water Fisheries Strategic Plan.	Addressed in plan components and/or management approaches.	FW-WFP-MgtApp-A, FW-WFP-MgtApp-B
185	Assess existing and proposed floodplain developments for their impacts on floodplain function and channel processes.	Addressed in plan components and/or management approaches.	FW-RdsFac-DC-6, FW-Rec-Dev-G-1, FW-Rip-All-G-1, FW-Rip-All-G-3, FW-Rip-All-MgtApp-A, FW-Rip-Strm-DC-1, FW-Rip-Strm-DC-3, FW-Rip-Strm-G-2, FW-Rip-Strm-MgtApp-A
185	State Highway 89A provides a high-quality scenic experience. Highway improvements should blend with existing natural-appearing features except when there are safety concerns that cannot be mitigated. Minimize the relative dominance (scale) of State Highway 89A to the extent possible/practical.	Addressed in plan components and/or management approaches.	SA-ScenicRds-DC-1, SA-ScenicRds-DC-4, SA-ScenicRds-G-1, SA-ScenicRds-G-3

Management Area 14 – Oak Creek Canyon			
Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
185	National Forest land within Oak Creek Canyon should retain their natural characteristics. Identify private parcels on which development does, or could, detract from scenic integrity. Pursue methods for protecting scenic integrity such as scenic easements or acquisition.	Addressed in plan components and/or management approaches.	FW-LndAdj-G-1, FW-LndAdj-MgtApp-B, FW-LndAdj-MgtApp-D, FW-Scenic-DC-1, FW-Scenic-G-1, FW-Scenic-MgtApp-C, MA-OakCrk-DC-11, MA-OakCrk-MgtApp-B
186	Infrastructure on National Forest lands associated with private land needs, such as utilities, waterlines, roads and bridges, meets scenic goals, particularly as viewed from the highway and recreation sites.	Addressed in plan components and/or management approaches.	FW-Scenic-DC-2, FW-Scenic-DC-7, FW-Scenic-DC-8, MA-OakCrk-DC-11
186	Fire management activities are intense and focus on protection of life and property. Identify locations of high fuel buildup and potential National Forest/urban interface wildfire problems.	Addressed in plan components and/or management approaches.	FW-Fire-DC-2, FW-Fire-DC-3, FW-Fire-MgtApp-A, FW-TerrERU-All-G-2, FW-WUI-DC-10, FW-WUI-DC-2, FW-WUI-DC-4, FW-WUI-G-1
186	Public/private land patterns and uses protect the riparian community and the surrounding scenic quality of Oak Creek Canyon. Identify private land important for acquisition.	Addressed in plan components and/or management approaches.	FW-LndAdj-G-1, FW-LndAdj-MgtApp-B, FW-Scenic-DC-1, MA-OakCrk-DC-11
186	Strengthen partnerships with ADOT, Coconino County and private landowners to protect scenic quality, water quality and riparian resources and to provide a safe recreational driving experience on the highway.	Addressed in plan components and/or management approaches.	FW-Rec-All-DC-7, FW-Rec-All-MgtApp-E, FW-Scenic-MgtApp-B, FW-Water-MgtApp-K, MA-OakCrk-MgtApp-A
186	Slide Rock base-for-exchange land is intended for acquisition by Slide Rock State Park to better facilitate management of the creek and the park.	Addressed in plan components and/or management approaches.	MA-OakCrk-G-13, MA-OakCrk-S-5
186	Oak Creek Canyon is an area of contrasting recreation settings, ranging from heavily used highway to highly developed recreation sites and resorts to primitive trails. Manage most of the Canyon for Rural or Roaded Natural ROS settings. Management should be consistent with a Rural and Roaded Natural ROS setting adjacent to the road. In areas more remote from the road influence, the setting should transition to a Semi-primitive ROS setting. Access to the West Fork of Oak Creek should have a Semi-primitive character.	Addressed in plan components and/or management approaches.	FW-Rec-All-DC-10, FW-Rec-All-DC-2, FW-Rec-All-DC-4, FW-Rec-All-DC-6, FW-Rec-All-G-1, FW-Rec-All-G-2, MA-OakCrk-DC-4, MA-OakCrk-DC-6, MA-OakCrk-G-8
186	The recreation experience should not be significantly affected by crowding at recreation sites or on State Highway 89A.	Addressed in plan components and/or management approaches.	FW-Rec-All-DC-4, FW-Rec-All-G-1, MA-OakCrk-DC-4, MA-OakCrk-DC-8, MA-OakCrk-G-7

Management Area 14 – Oak Creek Canyon			
Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
187	Increase day-use opportunities emphasizing nature-based activities such as hiking, picnicking, bird watching, photography, fishing and interpretation. Increase opportunities for people to access the water and enjoy the creek.	Addressed in plan components and/or management approaches.	FW-InterpEd-DC-2, FW-Rec-All-DC-8, FW-Rec-All-DC-9, FW-Rec-All-G-1, FW-Rec-All-G-2, FW-Rec-Disp-DC-5, FW-Rec-Disp-G-5, MA-OakCrk-DC-4, MA-OakCrk-DC-5, MA-OakCrk-DC-6, MA-OakCrk-DC-9, MA-OakCrk-G-8
187	Litter control is a priority through enforcement, refuse and recycling facilities and litter patrols.	Addressed in plan components and/or management approaches.	FW-InterpEd-DC-1, FW-InterpEd-DC-2, FW-InterpEd-G-1, FW-Rec-All-DC-5, FW-Rec-Disp-DC-3
187	Collaborate with State Parks to better meet visitor needs and protect resources in the vicinity of Slide Rock. Evaluate Halfway Picnic Ground for future needs for parking, coordinating this effort with Slide Rock State Park.	Addressed in plan components and/or management approaches.	MA-OakCrk-MgtApp-D
187	Limit the amount of development and consolidate parking and facility development where possible to minimize resource impacts in the Canyon. Use such methods as alternative modes of transportation, roadside parking limits and parking fees. Develop a strategy to minimize private vehicle traffic and reduce parking impacts, thus improving scenic quality and safety. Encourage alternative modes of transportation that reduce automobile dependency and traffic congestion. Investigate the feasibility of shuttle services for Oak Creek Canyon. The level of private recreation traffic in the Canyon should be consistent with a high-quality recreation experience.	Addressed in plan components and/or management approaches.	MA-OakCrk-DC-8, MA-OakCrk-G-7, MA-OakCrk-MgtApp-A
187	Provide scenic turnouts along State Highway 89A where appropriate. Locations for consideration are Banjo Bill, Bootlegger, Midgely Bridge and the Sedona City limits.	Addressed in plan components and/or management approaches.	MA-OakCrk-MgtApp-A, MA-RedRock-DC-8

Management Area 14 – Oak Creek Canyon			
Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
187	Develop a trails strategy for Oak Creek Canyon that: u allows for creek access while protecting the riparian community, wildlife habitat and sensitive plants; u improves trail access and orientation information; u provides loop trail opportunities with existing trails that lead to the rim of Oak Creek Canyon and other management areas; u expands opportunities for interpretive trails and pleasure walking at sites such as Cave Springs Campground, Call of the Canyon, the West Fork of Oak Creek and/ campgrounds and picnic areas; u maintains historical trails that access the rim of Oak Creek Canyon, such as the Telephone, Purtyman, Harding Springs, Cookstove, Thomas Point, Thompson Ladder and Casner trails; u supports transportation goals; and u considers a safe pedestrian route extending the length of Oak Creek Canyon from uptown Sedona to Oak Creek Vista.	Addressed in plan components and/or management approaches.	FW-Rec-Disp-MgtApp-B, FW-Rec-Trails-DC-1, FW-Rec-Trails-DC-2, MA-OakCrk-DC-3, MA-OakCrk-DC-5, MA-OakCrk-DC-9, MA-OakCrk-G-7
187-1	Assess the need for upgrading campground facilities to meet demands for group use, showers and child-play areas.	Addressed in plan components and/or management approaches.	FW-Rec-Dev-DC-1, FW-Rec-Dev-DC-7, MA-OakCrk-G-9
187-1	Develop a rock-climbing management strategy for the Oak Creek Vista area that addresses climbing needs, visitor safety and resource protection.	Addressed in plan components and/or management approaches.	FW-Rec-Disp-MgtApp-B
187-1	Redesign the Wilson Mountain Trailhead area to avoid the crowding and traffic problems that currently exist at Midgely Bridge and to improve the appearance and accessibility of view access trails at Midgely Bridge.	Addressed in plan components and/or management approaches.	FW-Rec-Trails-DC-10, FW-Rec-Trails-DC-3, FW-Rec-Trails-G-1
187-1	Use a scenic corridor action plan to develop more specific direction for Oak Creek Canyon to guide scenic, transportation and recreation elements. Manage Oak Creek Vista primarily for short-duration visits emphasizing interpretation and orientation to Oak Creek Canyon and the redrock country.	Addressed in plan components and/or management approaches.	FW-Rec-Disp-MgtApp-B, MA-OakCrk-DC-4, MA-OakCrk-DC-6, MA-OakCrk-G-8
187-1	Open Wilson Mountain trail to equestrian use. Provide horse trailer parking at the Jim Thompson Trailhead to access Wilson Mountain Trail.	Addressed in plan components and/or management approaches.	MA-OakCrk-DC-3, MA-OakCrk-DC-6, MA-OakCrk-DC-8
187-1	Reduce heavy smoke build-up in Oak Creek Canyon through such methods as requiring campers to burn only dry wood, prohibiting wood gathering and prohibiting campfires at certain times.	Addressed in plan components and/or management approaches.	MA-OakCrk-DC-10, MA-OakCrk-G-10

Management Area 14 – Oak Creek Canyon			
Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
187-1	Reduce impacts on water quality by such methods as: - placing toilets in strategic locations, - providing information about proper sanitation practices, - limiting equestrian use, and - installing shower and hand-washing facilities and more gray-water disposal sites.	Addressed in plan components and/or management approaches.	FW-InterpEd-DC-1, FW-InterpEd-DC-2, FW-InterpEd-DC-7, FW-InterpEd-G-1, FW-Rec-All-DC-5, FW-Rec-All-G-1, FW-Rec-Dev-DC-3, FW-Rec-Trails-G-1, MA-OakCrk-G-9
187-1	Restore damaged sites along Oak Creek, including but not limited to the Ladders, the pools upstream from Slide Rock, Midgely pools, Pumphouse and Hawkeye.	Addressed in plan components and/or management approaches.	FW-Rec-All-G-1, FW-Rec-All-G-2, MA-OakCrk-DC-6
187-1	Prohibit National Forest access to Slide Rock recreation area except through the State Park and prohibit parking along State Highway 89A in this vicinity.	Addressed in plan components and/or management approaches.	MA-OakCrk-G-6, MA-OakCrk-MgtApp-A, MA-OakCrk-MgtApp-D
187-2	Prohibit camping and recreation fires except in designated sites.	Addressed in plan components and/or management approaches.	MA-OakCrk-S-2
187-2	Encourage alternative modes of transportation provided by commercial tours to help reduce the impacts of traffic and parking.	Addressed in plan components and/or management approaches.	MA-OakCrk-DC-8, MA-OakCrk-G-7
187-2	Withdraw Oak Creek Canyon MA from locatable and leasable mineral entry.	Addressed in plan components and/or management approaches.	FW-Minerals-DC-3, FW-Minerals-G-1
187-2	Minerals materials operations are discouraged, though some activities may be appropriate for ADOT and Forest Service administration needs if they are minor and consistent with MA objectives and goals.	Addressed in plan components and/or management approaches.	FW-Minerals-DC-2, MA-OakCrk-G-12
187-2	Agencies communicate and work together with local organizations to achieve goals for the Canyon. There is ongoing communication among community organizations, interest groups and homeowner associations.	Addressed in plan components and/or management approaches.	MA-OakCrk-MgtApp-A, MA-OakCrk-MgtApp-C, MA-OakCrk-MgtApp-D, MA-OakCrk-MgtApp-E, MA-OakCrk-MgtApp-F
187-2	Regulations (e.g., parking rules and prohibitions against littering) are known and enforced. Visitors are properly informed about services, facilities, rules and environmental ethics.	Addressed in plan components and/or management approaches.	FW-InterpEd-DC-1, FW-InterpEd-DC-2, FW-InterpEd-G-1, FW-Rec-All-DC-5, MA-OakCrk-DC-1
187-3	Develop an interpretive trail outside of Wilderness at Call of the Canyon to reduce pressure on the Oak Creek RNA and to meet the demand for access and interpretation along Oak Creek.	Addressed in plan components and/or management approaches.	FW-InterpEd-DC-2, FW-Rec-All-G-2, MA-OakCrk-DC-6, MA-OakCrk-DC-9, MA-OakCrk-G-8

Management Area 14 – Oak Creek Canyon			
Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
187-3	Through a variety of interpretive efforts, people learn about geology, riparian communities and biodiversity and will be motivated to practice careful stewardship.	Addressed in plan components and/or management approaches.	FW-InterpEd-DC-1, FW-InterpEd-DC-2, FW-InterpEd-G-1, FW-Rec-All-DC-5, MA-OakCrk-DC-1
187-3	Provide an easily accessible directory to recreation opportunities and interpretive activities and a wide variety of publications and interactive materials at Oak Creek Vista.	Addressed in plan components and/or management approaches.	FW-InterpEd-DC-1, FW-InterpEd-DC-2, FW-InterpEd-G-1, FW-Rec-All-DC-5, MA-OakCrk-DC-1
187-3	Visitors should feel welcomed to Oak Creek Canyon and know where to go to enjoy the activities they seek. They should sense that they are entering a special location with unique and remarkable characteristics.	Addressed in plan components and/or management approaches.	FW-InterpEd-DC-1, FW-InterpEd-DC-2, FW-InterpEd-G-1, FW-Rec-All-DC-5, MA-OakCrk-DC-1
187-3	Interpretation should follow the themes established in the Sedona Ranger District Interpretive Strategy and more specific direction developed through further site-specific analysis and planning for Oak Creek Canyon.	Addressed in plan components and/or management approaches.	FW-InterpEd-DC-1, FW-InterpEd-DC-2, FW-InterpEd-MgtApp-A

Management Area 15 – Developed Recreation Sites

Management Area 15 – Developed Recreation Sites			
Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
188	Manage for VQO's of Retention or Partial Retention with the exception of the Snow Bowl.	Addressed in plan components and/or management approaches.	FW-Scenic-DC-2, FW-Scenic-G-1
189	Conduct feasibility studies and develop project plans for site rehabilitation on a scheduled basis. Plans include upgrading of RIM Condition Classes 4-8 to Class 1. Site rehabilitation includes site grading, stream protection, vegetation establishment, and road improvement and realignment, where appropriate.	Reference to controlling authority not repeated in plan component, but proposed revised plan includes additional direction related to this topic.	FW-RdsFac-G-1, FW-Rec-Dev-DC-2, FW-Rec-Dev-DC-8, FW-Rec-Dev-G-1

Management Area 15 – Developed Recreation Sites			
Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
190	The Snow Bowl special-use authorization area will be fenced to physically exclude grazing.	Addressed in plan components and/or management approaches.	FW-Graz-G-4, FW-Graz-MgtApp-A
190	Monitor water quality and quantity in compliance with P.L. 92-500, Section 208.	Addressed in plan components and/or management approaches.	FW-Water-DC-2, FW-Water-DC-7, FW-Water-G-4, FW-Water-MgtApp-K
190	Suppression objective is to minimize damage to improvements and/or resources.	Addressed in plan components and/or management approaches.	FW-Fire-DC-2, FW-Fire-DC-3, FW-Fire-DC-4, FW-Fire-G-2, FW-Fire-MgtApp-A, FW-TerrERU-All-G-2, FW-WUI-DC-2
190	Prescribed fire using planned ignitions is used as a management tool where it is needed to accomplish resource objectives.	Addressed in plan components and/or management approaches.	FW-Fire-DC-2, FW-Fire-DC-3, FW-Fire-G-2, FW-Fire-MgtApp-A, FW-WUI-DC-2

Management Area 16 – Inner Basin

Management Area 16 – Inner Basin			
Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
192	Dispersed use is limited to day use, foot or bicycle traffic only. Signing needed to control use is provided, installed, and maintained by the City of Flagstaff.	Addressed in plan components and/or management approaches.	FW-InterpEd-DC-2, MA-InBsn-G-7

Management Area 16 – Inner Basin			
Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
192	Continue to work with City of Flagstaff to minimize environmental impacts in the Inner Basin and to improve rehabilitation of areas disturbed through past development and maintenance such as Abineau Road. Encourage the City of Flagstaff to convert existing diesel pumps to electric pumps by establishing an underground electrical line into the Inner Basin using existing roads within the Basin. Evaluate the City of Flagstaff proposed water development projects using the NEPA process and monitor the projects. Identify rehabilitation needs caused by City activities and accomplish in conjunction with each project as needs occur.	Addressed in plan components and/or management approaches.	MA-InBsn-MgtApp-A
192	Limit vehicle access to City and Federal vehicles necessary to administer the area. The area is closed to livestock use and recreational livestock use such as horses, mules, or llamas.	Addressed in plan components and/or management approaches.	MA-InBsn-DC-7, MA-InBsn-G-5, MA-InBsn-S-1
192	The suppression objective is to hold fires to 10 acres or less. Choose suppression tactics that minimize damage to the soil and water resources. Prescribed fire using planned ignitions is used to accomplish fuel treatment and other resource objectives.	Addressed in plan components and/or management approaches.	FW-Fire-DC-2, FW-Fire-DC-3, FW-Fire-G-2, FW-Fire-MgtApp-A, FW-WUI-DC-3

Management Area 17 – Special Areas

Management Area 17 – Special Areas			
Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
194	Emphasize and protect watershed condition and maintain natural ecological conditions on the Research Natural Areas (RNA's) so that they are available for research and education that does not disturb the areas' natural condition. Use restrictions are imposed as necessary to keep areas in their natural or unmodified condition. There is no harvest of timber products, including firewood. RNA's are closed to off-road driving.	Addressed in plan components and/or management approaches.	FW-Rec-Disp-DC-2, SA-RNABotGeo-DC-1, SA-RNABotGeo-DC-2, SA-RNABotGeo-DC-3, SA-RNABotGeo-DC-4, SA-RNABotGeo-G-1, SA-RNABotGeo-G-5

Management Area 17 – Special Areas			
Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
194	The botanical areas and the geological area are managed to maintain, as nearly as possible, existing conditions and natural processes for public enjoyment, demonstration, and study. Interpretative and educational demonstration opportunities are emphasized and enhanced through selective facility development. Natural events are not rehabilitated. Off-road driving is prohibited.	Addressed in plan components and/or management approaches.	FW-InterpEd-DC-2, FW-RdsFac-S-1, FW-Rec-Disp-DC-2, SA-RNABotGeo-DC-5, SA-RNABotGeo-DC-6, SA-RNABotGeo-G-1
195	As needed, assess carrying capacity in special areas and limit visitors to meet carrying capacity.	Addressed in plan components and/or management approaches.	FW-Rec-All-DC-6, FW-Rec-All-G-2, FW-Rec-Disp-G-3
195	RNA's and botanical areas are managed to protect and maintain their uniqueness and ecological condition.	Addressed in plan components and/or management approaches.	FW-Graz-G-2, SA-RNABotGeo-DC-1, SA-RNABotGeo-DC-5, SA-RNABotGeo-G-1, SA-RNABotGeo-G-4
195	AMP's will have provisions to protect the uniqueness and/or ecological condition of the special areas. Approved AMP's are revised and if necessary amended by 1992.	Addressed in plan components and/or management approaches.	SA-RNABotGeo-G-4
196	Do not allow special-use authorizations that would or could adversely affect or change the character of the areas.	Addressed in plan components and/or management approaches.	SA-RNABotGeo-DC-5, SA-RNABotGeo-G-1, SA-RNABotGeo-G-5, SA-RNABotGeo-G-6
196	Manage roads adjacent to botanical areas and the Red Mountain Geological Area to prevent vehicular intrusion. Block and obliterate existing roads entering the area in the first decade.	Addressed in plan components and/or management approaches.	FW-RdsFac-G-3, FW-RdsFac-G-6, FW-RdsFac-S-1, FW-Rec-Disp-DC-2, FW-Rec-Disp-G-1
196	Use prescribed fire with planned ignitions as a management tool provided its use is compatible with the management of the specific area.	Addressed in plan components and/or management approaches.	FW-Fire-DC-2, FW-Fire-DC-3, FW-Fire-G-2, FW-Fire-MgtApp-A, SA-RNABotGeo-G-2, SA-RNABotGeo-G-3

Management Area 17 – Special Areas			
Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
196	Suppression tactics minimize damage to the character of RNA's and all other special areas.	Addressed in plan components and/or management approaches.	FW-Fire-DC-2, FW-Fire-DC-3, FW-Fire-G-2, FW-Fire-MgtApp-A, FW-TerrERU-All-G-2, SA-RNABotGeo-G-2, SA-RNABotGeo-G-3
196-1	Access and management are consistent with preservation for research values.	Addressed in plan components and/or management approaches.	SA-RNABotGeo-G-1, SA-RNABotGeo-G-5, SA-RNABotGeo-G-6
196-1	Non-commercial group size should be limited to 25 persons or fewer in Casner RNA and to 12 persons or fewer without a permit in the West Fork of Oak Creek.	Addressed in plan components and/or management approaches.	SA-RNABotGeo-G-6
196-1	Manage Casner RNA for a Semi-primitive Non-Motorized ROS setting. Manage Oak Creek RNA consistent with Wilderness-defined Primitive WOS setting criteria. Recognize the high level of hiking use in the lower part of West Fork through Oak Creek RNA as more consistent with Roaded Natural ROS setting criteria.	Addressed in plan components and/or management approaches.	FW-Rec-All-DC-10, FW-Rec-All-DC-4, MA-OakCrk-DC-4, MA-RedRock-DC-7
196-1	Limit visitor access and use to environmentally acceptable levels to maintain the research values of the RNA. Employ various methods such as using a permit system and providing alternative recreation opportunities and more intense management.	Addressed in plan components and/or management approaches.	SA-RNABotGeo-G-6
196-1	Prohibit overnight camping and recreation fires in Casner RNA.	Addressed in plan components and/or management approaches.	SA-RNABotGeo-S-1
196-1	Restrict camping and prohibit recreation fires in Oak Creek RNA.	Addressed in plan components and/or management approaches.	SA-RNABotGeo-S-1

Management Area 17 – Special Areas			
Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
196-2	Recreation use is not promoted and access is restricted as needed to keep these places in their natural, unmodified condition.	Addressed in plan components and/or management approaches.	SA-RNABotGeo-DC-1, SA-RNABotGeo-G-1, SA-RNABotGeo-G-5, SA-RNABotGeo-G-6
196-2	Prohibit permitted commercial tours except in support of approved research.	Addressed in plan components and/or management approaches.	SA-RNABotGeo-G-5, SA-RNABotGeo-S-2
196-2	Withdraw Casner Canyon RNA from locatable and leasable mineral entry.	Addressed in plan components and/or management approaches.	FW-Minerals-G-1

Management Area 19 – Mogollon Rim

Management Area 19 – Mogollon Rim			
Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
200	Manage at least 1,281 acres in the tentatively suitable for old-growth on a sustained basis to achieve at least 640 acres meeting old-growth conditions at all times.	Addressed in plan components and/or management approaches.	FW-TerrERU-MC-All-DC-2, FW-TerrERU-MC-All-G-2, FW-TerrERU-MC-All-G-3, FW-TerrERU-MC-MCFF-DC-1, FW-TerrERU-MC-MCFF-DC-10, FW-TerrERU-MC-MCFF-DC-11, FW-TerrERU-MC-MCFF-DC-2, FW-TerrERU-MC-MCFF-DC-7, FW-TerrERU-MC-MCFF-DC-9, FW-TerrERU-MC-MCIF-DC-2, FW-TerrERU-MC-MCIF-DC-4, FW-TerrERU-MC-MCIF-DC-9, FW-TerrERU-PP-DC-1, FW-TerrERU-PP-DC-4, FW-TerrERU-PP-DC-6, FW-TerrERU-PP-DC-7, FW-TerrERU-PP-G-1, FW-TerrERU-PP-G-2, FW-TerrERU-PP-G-3, FW-TerrERU-PP-G-4
204	Mixed conifer stringers, primarily Douglas-fir, are noncontiguous, narrow communities that extend into the ponderosa pine. Manage the mixed conifer stringers to emphasize wildlife habitat needs by maintaining big game cover except where environmental analysis indicates otherwise.	Addressed in plan components and/or management approaches.	FW-TerrERU-All-DC-4, FW-TerrERU-All-G-4, FW-WFP-DC-2, FW-WFP-DC-5, FW-WFP-DC-7
204	Ponderosa Pine and Mixed Conifer - Suppression objective is 100 acres or less. Use prescribed fire with planned and unplanned ignitions is used to meet resource objectives.	Addressed in plan components and/or management approaches.	FW-Fire-DC-2, FW-Fire-DC-3, FW-Fire-G-2, FW-Fire-MgtApp-A, FW-TerrERU-All-G-2
205	In developed recreation sites the suppression objective is to minimize damage to improvements and/or resources.	Addressed in plan components and/or management approaches.	FW-Fire-DC-2, FW-Fire-DC-3, FW-Fire-G-2, FW-Fire-MgtApp-A, FW-TerrERU-All-G-2
205	Prescribed fire using planned ignitions is used as a management tool where such use is compatible with other resources.	Addressed in plan components and/or management approaches.	FW-Fire-DC-2, FW-Fire-DC-3, FW-Fire-G-2, FW-Fire-MgtApp-A

Management Area 19 – Mogollon Rim			
Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
205	Fuel treatment projects in natural fuels are aimed at creating and maintaining a natural fuel condition that is maintained through the periodic use of prescribed fire.	Addressed in plan components and/or management approaches.	FW-Fire-DC-2, FW-Fire-G-2, FW-TerrERU-All-G-1

Amendment 12 – Entire Sedona/Oak Creek Planning Area

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Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
206-9	The biological, physical and human elements of the landscape sustain ecological processes, functions and structures within a natural range of variability and conditions appropriate to the Sedona/Oak Creek ecosystem. Natural ecosystem disturbance patterns are conserved or restored consistent with human health and safety.	Addressed in plan components and/or management approaches.	FW-Eco-DC-1, FW-Eco-DC-2
206-9	Habitats support diverse, healthy populations of native plants and animals. A natural variety of plant species, age classes and structure is present.	Addressed in plan components and/or management approaches.	FW-Eco-DC-1, FW-WFP-DC-1
206-9	Natural elements of the landscape are restored and protected. Threatened, endangered and sensitive species are recovering. Appropriate actions are taken to minimize impacts to these species.	Addressed in plan components and/or management approaches.	FW-Rip-All-DC-1, FW-Soil-DC-3, FW-TerrERU-All-DC-2, FW-Water-DC-2, FW-Water-DC-3, FW-Water-G-1, FW-WFP-DC-1, FW-WFP-DC-2, FW-WFP-DC-5, FW-WFP-DC-8, FW-WFP-G-1, FW-WFP-G-2, FW-WFP-G-3
206-9	Riparian communities have adequate in-stream flows and adequate plant cover to protect stream banks and dissipate energy during high flows. Channel characteristics and water support natural biodiversity.	Addressed in plan components and/or management approaches.	FW-Rip-All-DC-1, FW-Rip-All-DC-2, FW-Rip-All-DC-5, FW-Rip-Strm-DC-1
206-9	Soil function and long-term productivity are sustained so that the soil can resist erosion, recycle nutrients and absorb water.	Addressed in plan components and/or management approaches.	FW-Soil-DC-1, FW-Soil-DC-2

Amendment 12 – Entire Sedona/Oak Creek Planning Area			
Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
206-9	Fire should continue to play a natural ecological role within the constraints of human health and safety. The mosaic of vegetative patterns and conditions reduces the occurrence of catastrophic fires.	Addressed in plan components and/or management approaches.	FW-Fire-DC-1, FW-Fire-DC-2, FW-Fire-G-2, FW-TerrERU-All-G-2
206-9	The impacts of non-native plant and animal species are controlled and the introduction of new non-natives is discouraged.	Addressed in plan components and/or management approaches.	FW-Invas-DC-1, FW-Invas-G-1
206-10	Improve and protect water quality and long-term soil productivity and restore critical soil functions through such methods as: - improving the rate of water infiltration, thereby reducing on-site soil loss and minimizing surface runoff and sedimentation; - enhancing soil organic matter content to improve physical condition and increase nutrient cycling; - reducing flood potential and securing favorable conditions of water flow; - increasing and improving the distribution of vegetative ground cover and coarse woody debris; - setting livestock capacities to levels that maintain and/or improve soil stability, soil productivity and water quality; - locating new trails away from riparian communities, steep grades and sensitive soils; - hardening trail and road surfaces and providing sanitation facilities at key places; and - improving road and trail maintenance.	Addressed in plan components and/or management approaches.	FW-Graz-DC-2, FW-Graz-G-2, FW-RdsFac-DC-1, FW-RdsFac-G-2, FW-Rec-Trails-G-1, FW-Soil-DC-1, FW-Soil-DC-2, FW-Soil-DC-3, FW-Water-DC-2, FW-Water-DC-6, FW-Water-G-4
206-10	Seek out, use and share information from researchers, agencies and other individuals with knowledge about the southwestern willow flycatcher, brown-headed cowbird parasitism, predation and other related issues. Keep current on new information and make changes in the management of southwestern willow flycatcher habitat and populations accordingly.	Addressed in plan components and/or management approaches.	FW-WFP-G-1, FW-WFP-G-2, FW-WFP-G-3, FW-WFP-MgtApp-A, FW-WFP-MgtApp-B
206-10	Engage in activities that will maintain or enhance south western willow flycatcher habitat.	Addressed in plan components and/or management approaches.	FW-WFP-G-1, FW-WFP-G-2, FW-WFP-G-3

Amendment 12 – Entire Sedona/Oak Creek Planning Area			
Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
206-10	Eliminate unneeded roads and redesign or relocate poorly located roads and trails to lessen impacts on such resources as cultural sites, soil, water and wildlife and to reduce user conflicts. Restore areas heavily damaged by vehicle or foot traffic using such methods as obliteration, barriers, closures and visitor information.	Addressed in plan components and/or management approaches.	FW-InterpEd-DC-1, FW-RdsFac-DC-1, FW-RdsFac-G-1, FW-RdsFac-G-6, FW-RdsFac-MgtApp-J, FW-Rec-Disp-G-1, FW-Rec-Trails-DC-4
206-10	Manage Hedeoma diffusum by the direction presented in the ``Hedeoma diffusum Management Plan (1984)'' adopted by the Forest Plan.	Referenced in Appendix D and addressed in plan components and/or management approaches.	FW-WFP-DC-2, FW-WFP-S-1
206-10	Protect occupied Cimicifuga Arizonica habitat. Restrict ground disturbing activities within the habitat and provide shade needed for perpetuation of the species. Relocate trails where necessary to protect occupied habitat. Implement conservation actions recommended by the ``Cimicifuga Arizonica Conservation Plan (1995).''	Referenced in Appendix D and addressed in plan components and/or management approaches.	FW-Rec-Trails-DC-4, FW-Rec-Trails-G-1, FW-WFP-DC-2, FW-WFP-G-1, FW-WFP-G-2, FW-WFP-G-3, FW-WFP-S-1
206-11	Expand the use of prescribed fire along with other mechanical methods to achieve area goals.	Addressed in plan components and/or management approaches.	FW-Fire-DC-2, FW-Fire-G-2, FW-Fire-MgtApp-A, FW-TerrERU-Grass-O-1, FW-TerrERU-MC-MCFF-O-1, FW-TerrERU-MC-MCFF-O-2, FW-TerrERU-PJ-O-1, FW-TerrERU-PP-O-1, FW-TerrERU-PP-O-2
206-11	Fire management activities should: - protect resource values, such as property and riparian and scenic elements; - reduce natural and activity-generated fuels to lessen the risk of catastrophic fire; and - restore ecosystem functions.	Addressed in plan components and/or management approaches.	FW-Fire-DC-1, FW-Fire-DC-2, FW-Fire-DC-3, FW-Fire-G-2, FW-Fire-MgtApp-A, FW-TerrERU-All-G-1
206-11	Maintain adequate plant cover/security for wildlife habitat needs. Retain dead and down woody materials, such as logs, limbs and flood debris, in riparian communities for prey base habitat.	Addressed in plan components and/or management approaches.	FW-WFP-DC-1, FW-WFP-DC-2, FW-WFP-DC-3, FW-WFP-DC-4, FW-WFP-G-3

Amendment 12 – Entire Sedona/Oak Creek Planning Area			
Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
206-11	Forest product removal, both personal and commercial, such as firewood gathering, Christmas tree cutting and livestock grazing, should be designed to maintain or restore ecosystem health and meet Sedona/Oak Creek Planning Area goals.	Addressed in plan components and/or management approaches.	FW-Fprod-DC-1, FW-Fprod-DC-2, FW-FProd-G-3, FW-Fprod-MgtApp-C
206-11	Work with air tour companies and rock climbers to eliminate disturbing activities near occupied eyries during the peregrine falcon breeding season (March 1 to August 31) and to protect other raptor species.	Addressed in plan components and/or management approaches.	FW-WFP-DC-1, FW-WFP-G-11, FW-WFP-G-3, FW-WFP-G-8, FW-WFP-MgtApp-E, FW-WFP-MgtApp-H
206-11	Work with the Federal Aviation Administration (FAA), Sedona Airport Administration and air tour operators to minimize the effects of aircraft on threatened, endangered or sensitive animal species. Consider implementing special flight rules, particularly over suitable peregrine falcon nesting habitat and big game winter ranges such as on Schnebly Hill rim, Munds Mountain, Lee Mountain, Casner Mountain and Black Mountain.	Addressed in plan components and/or management approaches.	FW-WFP-DC-1, FW-WFP-G-11, FW-WFP-G-3, FW-WFP-G-8, FW-WFP-MgtApp-E, FW-WFP-MgtApp-H, SA-Wild-MgtApp-E
206-11	Enforce native plant protection laws and prohibit plant collection without appropriate permits. Require special use permits to collect plants for commercial activities, such as landscape and ornamental purposes. These permits are granted only for locations in the Savannah MA (MA 27).	Addressed in plan components and/or management approaches.	FW-FProd-G-3, MA-HouseMtn-S-1, MA-OakCrk-S-1, MA-RedRock-S-6, MA-SedN-S-1, MA-SedN-S-3
206-11	Restrict aircraft activities related to commercial filming to protect threatened, endangered and sensitive species.	Addressed in plan components and/or management approaches.	FW-SpecUse-G-13
206-12	Protect the water quality of Oak Creek to assure public safety and meet State water quality standards.	Addressed in plan components and/or management approaches.	FW-Water-DC-7, FW-Water-G-4, FW-Water-MgtApp-B
206-12	For the southwestern willow flycatcher: - conduct site visits to identify suitable and potential habitat; - inventory suitable habitat to locate nesting flycatchers; - monitor sites currently and previously occupied; - maintain and enhance suitable and occupied habitat; - ensure that potential habitat progresses toward suitable habitat; and - minimize disturbance to nesting birds.	Addressed in plan components and/or management approaches.	FW-WFP-DC-1, FW-WFP-DC-2, FW-WFP-G-1, FW-WFP-G-3, FW-WFP-MgtApp-A, FW-WFP-O-1

Amendment 12 – Entire Sedona/Oak Creek Planning Area			
Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
206-12	In general, the following guidelines (1 through 8) should be applied to threatened, endangered and sensitive species. If analysis or new information suggests a modification of these guidelines is needed, consultation with the US Fish and Wildlife Service (USFWS) must occur.	Addressed in plan components and/or management approaches.	FW-WFP-MgtApp-A
206-12	Communicate and cooperate with the USFWS and the Arizona Game & Fish Department (AG&FD) on efforts related to all threatened and endangered species.	Addressed in plan components and/or management approaches.	FW-WFP-MgtApp-A, FW-WFP-MgtApp-B
206-12	Maintain riparian pasture and riparian exclosure fences to prevent livestock trespass, which can result in the degradation of threatened, endangered and sensitive species habitat.	Addressed in plan components and/or management approaches.	FW-Graz-G-2, FW-Graz-G-4, FW-Graz-MgtApp-A, FW-Graz-MgtApp-B, FW-WFP-G-1, FW-WFP-G-2, FW-WFP-G-3
206-12	Apply the ``Peregrine Falcon Recovery Plan'' and Addendum*. In addition, apply the following modifications, which reflect new information: - locate new trail and trailhead developments at least a quarter but preferably a half mile from known peregrine falcon eyries; - limit maintenance and construction of trails and trailheads located within half a mile of eyries during the breeding period from March 1 to August 31; - prohibit blasting within one mile of an eyrie during the breeding season; - survey all suspected peregrine falcon nest sites for occupancy prior to any new Forest Service activity occurring within half a mile of the nest; - conduct any construction associated with closing roads located within 0.5 mile of an eyrie during non-breeding seasons; - conduct any construction, reconstruction or maintenance of roads located within 0.5 miles of an eyrie during non-breeding seasons; - conduct prescribed burning only if prevailing winds will avoid inundating active peregrine falcon nests with smoke; and - restrict fuel reduction activities that use motorized equipment such as vehicles, chain saws or chippers to at least a quarter mile from active peregrine falcon nests during the breeding season.	Addressed in plan components and/or management approaches.	FW-WFP-G-11, FW-WFP-G-2, FW-WFP-G-8, FW-WFP-MgtApp-E, FW-WFP-MgtApp-F, FW-WFP-O-1

Amendment 12 – Entire Sedona/Oak Creek Planning Area			
Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
206-13	Personnel conducting inventory or monitoring for threatened, endangered or sensitive species must obtain permits and attend inventory and monitoring training prior to conducting these activities.	Reference to controlling authority not repeated in plan component, but proposed revised plan includes additional direction related to this topic.	FW-WFP-MgtApp-A, FW-WFP-MgtApp-B
206-13	Compile, map in GIS and file in an electronic corporate database information obtained from threatened, endangered or sensitive species site visits, inventory and monitoring efforts.	Addressed in plan components and/or management approaches.	FW-WFP-MgtApp-A, FW-WFP-MgtApp-B
206-13	Evaluate recreational impacts at sites with occupied, suitable or potential southwestern willow flycatcher or Mexican spotted owl habitat. Actions to minimize or remove adverse impacts may include, but are not limited to, area closures (seasonal or year-long), limits on group-use size, road closures, interpretation and education, fencing, special use permit requirements and trash management.	Addressed in plan components and/or management approaches.	FW-Rec-All-G-1, FW-Rec-All-G-2, FW-SpecUse-G-1, FW-WFP-DC-11, FW-WFP-G-3, FW-WFP-MgtApp-E, FW-WFP-MgtApp-F, FW-WFP-S-2

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Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
206-13	Southwestern willow flycatcher: - Activities in occupied or suitable habitat must not reduce the suitability of the habitat nor disturb nesting birds during the breeding season. - Coordinate with the USFWS, AG&FD and any other agency or organization involved in ongoing research to determine monitoring needs for occupied southwestern willow flycatcher sites. Information needs and site-specific considerations are important to determine the monitoring intensity/frequency and implementation strategy for monitoring occupied sites. - Exclude livestock grazing in occupied southwestern willow flycatcher habitat to avoid direct impacts to flycatchers and their habitat. Allow grazing in occupied southwestern willow flycatcher habitat outside of its critical season only where flycatcher research is occurring under a research plan approved by USFWS and other project cooperators. - Implement brown-headed cowbird control programs based on USFWS consultation requirements and site-specific determination of need. - Occupied and suitable habitats should be inventoried annually to determine the presence of southwestern willow flycatchers. If inventory does not occur, the guidelines for occupied habitat apply. - Site visits to potential habitat should be conducted every few years in order to document the area's progression toward suitable habitat characteristics. - Activities in southwestern willow flycatcher potential habitat should not slow or prevent potential habitat from progressing toward suitable habitat conditions. - Coordinate with fire management personnel to develop a strategy for responding to wildfires that could threaten occupied, suitable or potential southwestern willow flycatcher habitat.	Addressed in plan components and/or management approaches.	FW-Fire-G-2, FW-Fire-MgtApp-A, FW-Graz-G-2, FW-WFP-DC-11, FW-WFP-G-1, FW-WFP-G-3, FW-WFP-MgtApp-A, FW-WFP-MgtApp-E
206-14	Use Terrestrial Ecosystem Survey (TES) information to determine capability, suitability, potentials and limitations of soils for different land management uses and desired conditions and to predict the behavior and performance of soils.	Addressed in plan components and/or management approaches.	FW-Soil-MgtApp-A, FW-Soil-MgtApp-B
206-14	The following riparian standards are repeated here for clarity but have not changed from the existing Forest Plan direction: - maintain at least three age classes of woody riparian species, with at least 10 percent of the woody plant cover in sprout, seedlings and saplings; - retain snags in riparian communities if they are not a safety hazard.	Addressed in plan components and/or management approaches.	FW-Rip-All-DC-1, FW-Rip-RipType-DC-1, FW-Rip-RipType-DC-2, FW-Rip-RipType-DC-3, FW-Rip-Spr-DC-2, FW-Rip-Strm-DC-3, FW-Rip-Wtlnds-DC-2

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Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
206-14	Collaborate as needed with Federal or State agencies for the reintroduction and maintenance of native plant and wildlife species.	Addressed in plan components and/or management approaches.	FW-WFP-MgtApp-A
206-14	Encourage use of certified exotic- and weed-free pelletized feed or hay, especially in Wildernesses, to reduce the spread of undesirable plants.	Addressed in plan components and/or management approaches.	FW-Rec-All-G-6
206-14	Restrict National Forest visitor activities from any area as needed to support soil and plant restoration efforts.	Addressed in plan components and/or management approaches.	FW-Rec-Disp-G-3
206-14	Provide and maintain high-quality opportunities for people to enjoy the Sedona area's many scenic and aesthetic qualities.	Addressed in plan components and/or management approaches.	FW-Rec-All-DC-4, FW-Scenic-DC-2, FW-Scenic-G-1, MA-HouseMtn-DC-1, MA-HouseMtn-DC-6, MA-OakCrk-DC-1, MA-OakCrk-DC-11, MA-RedRock-DC-1, MA-RedRock-DC-10, MA-SedN-DC-1, MA-SedN-DC-4
206-15	Cultural and historic features are recognized for their inherent scenic values.	Addressed in plan components and/or management approaches.	FW-InterpEd-DC-1, FW-InterpEd-G-1, FW-Scenic-DC-6, MA-OakCrk-DC-2, MA-RedRock-DC-1
206-15	Evidence of human activities and developments such as roads, trails and facilities, is visually subordinate to the natural-appearing landscape.	Addressed in plan components and/or management approaches.	FW-Scenic-DC-7, FW-Scenic-DC-8, FW-Scenic-G-1, MA-HouseMtn-DC-6, MA-HouseMtn-G-3, MA-OakCrk-DC-11, MA-OakCrk-G-3, MA-RedRock-DC-10, MA-RedRock-DC-8, MA-SedN-DC-4

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Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
206-15	Except in the Neighborwoods, Oak Creek Canyon and Redrock Frontcountry MAs, visitors see a landscape that appears to be largely unaltered by human influence and where natural elements and the visible effects of natural processes predominate.	Addressed in plan components and/or management approaches.	FW-Scenic-DC-1, FW-Scenic-DC-2, FW-Scenic-G-1, MA-HouseMtn-DC-6, MA-OakCrk-DC-11, MA-RedRock-DC-10, MA-SedN-DC-4
206-15	Long-term soil and plant productivity, properly functioning ecosystems and clean water are considered important components of scenic quality.	Addressed in plan components and/or management approaches.	FW-Scenic-DC-3
206-15	Scenic quality meets public expectations.	Addressed in plan components and/or management approaches.	FW-Scenic-DC-1, FW-Scenic-DC-2, FW-Scenic-G-1, MA-OakCrk-DC-1, MA-RedRock-DC-1
206-15	Views of dramatic natural features are protected and enhanced.	Addressed in plan components and/or management approaches.	FW-BioPhys-Geo-G-1, FW-Scenic-DC-1, FW-Scenic-DC-2, FW-Scenic-G-1, MA-HouseMtn-DC-6, MA-OakCrk-DC-11, MA-RedRock-DC-1, MA-RedRock-DC-10, MA-SedN-DC-4
206-15	Views of the night sky remain unaffected by human light sources.	Addressed in plan components and/or management approaches.	FW-Air-DC-2, MA-OakCrk-DC-10
206-15	Activities by National Forest visitors protect the scenic quality of the Sedona/Oak Creek Planning Area. This includes activities conducted by other agencies such as the Arizona Department of Transportation (ADOT), local governments, and land use activities conducted by commercial or private entities.	Addressed in plan components and/or management approaches.	FW-Scenic-DC-1, FW-Scenic-G-1, FW-Scenic-MgtApp-B

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Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
206-15	Facility design and location retain and enhance the traveler's sense of arrival at a special place.	Addressed in plan components and/or management approaches.	FW-InterpEd-DC-1, FW-InterpEd-G-1, FW-RdsFac-G-10, FW-RdsFac-MgtApp-K, FW-Rec-Dev-MgtApp-E, FW-Scenic-DC-7, MA-HouseMtn-G-1, MA-OakCrk-G-1, MA-OakCrk-G-8, MA-RedRock-DC-1, MA-RedRock-DC-5, MA-RedRock-DC-8, MA-RedRock-G-1, MA-SedN-G-1
206-15	The design of National Forest developments such as trailheads and campgrounds is consistent with the appropriate ROS setting objectives. (Refer to Map 3 - Recreation Opportunity Spectrum Objectives)	Addressed in plan components and/or management approaches.	FW-RdsFac-G-10, FW-RdsFac-MgtApp-K, FW-Rec-All-DC-4, FW-Rec-Dev-DC-5, FW-Rec-Dev-MgtApp-E, FW-Scenic-DC-7
206-15	Commercial tours blend visually into the landscape and do not draw attention to the activity or equipment.	Addressed in plan components and/or management approaches.	FW-Rec-All-DC-4, FW-SpecUse-DC-7, FW-SpecUse-DC-8
206-15	Developments such as roads, trails, camping and day-use sites and trailheads borrow from local materials and landscape characteristics to blend with the adjacent natural appearing landscape. Management activities such as firewood harvest and prescribed fire result in alterations that appear natural to most visitors.	Addressed in plan components and/or management approaches.	FW-RdsFac-G-10, FW-RdsFac-MgtApp-K, FW-Rec-Dev-DC-2, FW-Rec-Dev-MgtApp-E, FW-Scenic-DC-7, FW-Scenic-G-1, FW-Scenic-G-2, FW-Scenic-G-3
206-16	Achieve scenic quality recovery in the shortest possible time.	Addressed in plan components and/or management approaches.	FW-Scenic-DC-1, FW-Scenic-DC-2, FW-Scenic-DC-3, FW-Scenic-G-1, FW-Scenic-O-1

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Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
206-16	Complete scenic resource assessments for developments and projects on National Forest lands that could affect scenic quality. Include evaluation of cumulative effects.	Addressed in plan components and/or management approaches.	FW-RdsFac-MgtApp-K, FW-Rec-Dev-MgtApp-E, FW-Scenic-DC-2, FW-Scenic-DC-8, FW-Scenic-DC-9, FW-Scenic-G-1, SA-ScenicRds-DC-4
206-16	Follow scenic management guidelines established under the Forest Service Scenery Management System (SMS) and Guidelines for Highways on National Forest Land (ADOT and USFS, 1994).	Addressed in plan components and/or management approaches.	FW-Scenic-DC-2, FW-Scenic-G-1, FW-Scenic-MgtApp-B, MA-HouseMtn-DC-6, MA-OakCrk-DC-11, MA-RedRock-DC-10, MA-SedN-DC-4
206-16	Protect native plants to the extent possible by site design and mitigation measures during construction. Develop native plant rehabilitation measures for disturbed areas to speed scenic quality recovery. Use methods that result in a natural vegetative composition and pattern.	Addressed in plan components and/or management approaches.	FW-Invas-G-1, FW-RdsFac-MgtApp-N, FW-Scenic-DC-3, FW-Scenic-DC-4, FW-Scenic-G-4
206-16	Avoid placement of new structures where they will interfere with scenic views from primary viewing areas such as highways, recreation sites, trails and residential areas. Use natural land forms and vegetation to the extent possible to screen facilities from important viewing locations.	Addressed in plan components and/or management approaches.	FW-Rec-Dev-MgtApp-E, FW-Scenic-DC-10, FW-Scenic-DC-3, FW-Scenic-DC-7, FW-Scenic-DC-8, FW-Scenic-DC-9, MA-RedRock-DC-1
206-16	Bury utility lines such as pipelines, power lines, fiber optic lines and telephone lines unless there are overriding environmental or technical concerns that would prevent burial. Existing utility or road corridors should be used for the placement of new utilities.	Addressed in plan components and/or management approaches.	FW-SpecUse-DC-2, FW-SpecUse-DC-3, FW-SpecUse-G-9, FW-Trbl-DC-1
206-16	Contemporary American Indian values are respected and considered in Forest Service management.	Addressed in plan components and/or management approaches.	FW-Trbl-DC-1, FW-Trbl-G-2, FW-Trbl-MgtApp-A, FW-Trbl-MgtApp-B, FW-Trbl-MgtApp-C

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Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
206-16	Human uses support the stewardship of cultural resources. Visitors and residents understand and respect the fragile cultural resources of the Verde Valley. People know and act within the laws that apply to archaeological sites and resources.	Addressed in plan components and/or management approaches.	FW-Hrtg-DC-10, FW-Hrtg-DC-7, FW-Hrtg-G-5, FW-InterpEd-DC-1, MA-OakCrk-DC-2, MA-RedRock-DC-4
206-16	National Historic Register resources are protected, enhanced, interpreted and available for research and/or visitation. The Sedona/Oak Creek Planning Area is recognized as an outdoor museum and classroom for the study of historic, prehistoric and contemporary cultural heritage.	Addressed in plan components and/or management approaches.	FW-Hrtg-DC-1, FW-Hrtg-DC-2, FW-Hrtg-DC-5, FW-Hrtg-DC-7, FW-Hrtg-DC-9, MA-OakCrk-DC-2, MA-RedRock-DC-1, MA-RedRock-DC-2
206-17	Ensure appropriate protection measures are in place at cultural interpretive sites.	Addressed in plan components and/or management approaches.	FW-Hrtg-DC-1, FW-Hrtg-DC-2, FW-Hrtg-DC-4, FW-Hrtg-DC-7, FW-Hrtg-DC-8, FW-Hrtg-G-2, FW-Hrtg-G-3, FW-Hrtg-G-5, FW-Hrtg-G-6
206-17	Allow for a “sense of discovery" at cultural interpretive sites.	Addressed in plan components and/or management approaches.	FW-Hrtg-DC-12, FW-Hrtg-DC-7, FW-Hrtg-G-2, FW-Hrtg-G-5, FW-Hrtg-MgtApp-N
206-17	Archaeological site etiquette information is readily available to National Forest visitors.	Addressed in plan components and/or management approaches.	FW-Hrtg-DC-7, FW-Hrtg-DC-9
206-17	Encourage partnerships with American Indians, commercial ventures, volunteers and universities for documenting, preserving, interpreting and managing sites and to evaluate and develop creative management opportunities.	Addressed in plan components and/or management approaches.	FW-Hrtg-DC-5, FW-Hrtg-MgtApp-A, FW-Hrtg-MgtApp-F, FW-Hrtg-MgtApp-O, FW-Hrtg-MgtApp-P, FW-Trbl-MgtApp-B, FW-Trbl-MgtApp-C

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Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
206-17	Identify Traditional Cultural Properties and consult on their management with the appropriate American Indian communities. Traditional Cultural Properties (TCP) are recognized, respected, preserved and managed for continued traditional uses.	Addressed in plan components and/or management approaches.	FW-Trbl-DC-2, FW-Trbl-G-2
206-17	Identify and retain evidence of valued historic/prehistoric landscape elements, such as orchards, fields, ditches, buildings and ruins.	Addressed in plan components and/or management approaches.	MA-OakCrk-DC-2
206-17	Inventory distinctive historic features and recognize their interpretive potential.	Addressed in plan components and/or management approaches.	FW-Hrtg-G-1, FW-Hrtg-MgtApp-C, FW-Hrtg-O-1, FW-Hrtg-O-2
206-17	Inventory historic trails and wagon roads and determine their feasibility for use as non-motorized trails. Include the Old Munds Highway, the Old County Road and the Lime Kiln Road.	Addressed in plan components and/or management approaches.	FW-Hrtg-DC-10, FW-Hrtg-DC-7, FW-Hrtg-G-5
206-17	Complete cultural surveys of all Forest system trails in order to facilitate maintenance and reconstruction activities.	Addressed in plan components and/or management approaches.	FW-Hrtg-O-1, FW-Rec-Trails-G-1
206-17	Implement stabilization and conservation programs at damaged sites.	Addressed in plan components and/or management approaches.	FW-Hrtg-DC-2, FW-Hrtg-DC-4, FW-Hrtg-G-3, FW-Hrtg-G-4
206-17	Eliminate unofficial trails that lead to archaeological sites to protect sites from damage.	Addressed in plan components and/or management approaches.	FW-Hrtg-G-4, FW-Rec-Trails-DC-11, FW-Rec-Trails-G-3

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206-17	Eliminate effects of aircraft on cultural resources.	Addressed in plan components and/or management approaches.	FW-SpecUse-S-1, MA-OakCrk-G-11, MA-RedRock-G-3, MA-SedN-G-4
206-17	Prohibit uses on archaeological or historic sites that cause site damage and/or that are inconsistent with the protection and use of Traditional Cultural Properties.	Addressed in plan components and/or management approaches.	FW-Hrtg-DC-1, FW-Hrtg-DC-2, FW-Hrtg-DC-3, FW-Hrtg-DC-4, FW-Hrtg-G-6
206-17	Consider a full range of methods to mitigate or minimize impacts on cultural sites, such as: - redesign or cancellation of a proposed project; - site avoidance, data recovery, interpretation or adaptive reuse; - fill on top of sites; - relocation of a resource; - fencing, barriers, restricted access and site closures; - interpretation and documentation; and - discouraging commercial marketing of archaeological sites.	Addressed in plan components and/or management approaches.	FW-Graz-G-4, FW-Hrtg-DC-8, FW-Hrtg-DC-9, FW-Hrtg-G-3, FW-Hrtg-G-4
206-18	Prohibit commercial filming at cultural sites.	Addressed in plan components and/or management approaches.	FW-SpecUse-G-14

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Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
206-18	Harmony exists between residents and visitors. Residents have a sense of safety and security concerning National Forest lands directly adjacent to residential development.	Addressed in plan components and/or management approaches.	FW-Rec-All-DC-6, FW-Rec-Trails-DC-1, FW-Rec-Trails-G-1, MA-HouseMtn-DC-2, MA-HouseMtn-DC-3, MA-HouseMtn-G-4, MA-HouseMtn-G-6, MA-HouseMtn-MgtApp-C, MA-OakCrk-DC-1, MA-OakCrk-DC-4, MA-OakCrk-DC-8, MA-OakCrk-G-10, MA-OakCrk-G-9, MA-OakCrk-S-2, MA-RedRock-DC-5, MA-RedRock-DC-6, MA-RedRock-DC-7, MA-RedRock-DC-8, MA-RedRock-G-4, MA-RedRock-G-5, MA-RedRock-G-7, MA-RedRock-MgtApp-D, MA-RedRock-S-1, MA-RedRock-S-3, MA-RedRock-S-4, MA-RedRock-S-5, MA-SedN-DC-3, MA-SedN-G-5, MA-SedN-MgtApp-A, MA-SedN-MgtApp-B, MA-SedN-S-2
206-18	Land ownership patterns of private holdings and National Forest meet the needs of the community and achieve National Forest goals.	Addressed in plan components and/or management approaches.	FW-LndAdj-DC-1, FW-LndAdj-G-1, FW-LndAdj-G-2, FW-LndAdj-MgtApp-D
206-18	The community shares National Forest stewardship goals. Community members understand their stake in ecological health and collaborate in National Forest decisions that are mutually beneficial to the National Forest and the community.	Addressed in plan components and/or management approaches.	FW-InterpEd-DC-1, FW-LndAdj-MgtApp-D, FW-LndAdj-MgtApp-G, MA-HouseMtn-MgtApp-C, MA-OakCrk-MgtApp-E, MA-RedRock-MgtApp-D, MA-SedN-MgtApp-E
206-18	The Forest Service provides leadership in planning efforts that involve National Forest/community interface issues and multiple-agency jurisdictions.	Addressed in plan components and/or management approaches.	FW-LndAdj-MgtApp-D, MA-HouseMtn-MgtApp-C, MA-OakCrk-MgtApp-E, MA-RedRock-MgtApp-D, MA-SedN-MgtApp-D

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Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
206-18	Acquire priority private parcels from willing sellers, when possible, through methods other than land trades within the planning area.	Addressed in plan components and/or management approaches.	MA-HouseMtn-S-3, MA-RedRock-G-8, MA-RedRock-S-7, MA-RedRock-S-8
206-19	Cooperate with local governments to identify and maintain appropriate trail access on private lands through the private land development process.	Addressed in plan components and/or management approaches.	FW-LndAdj-DC-2, FW-LndAdj-MgtApp-C, FW-Rec-Trails-G-1, FW-Rec-Trails-MgtApp-C, FW-Rec-Trails-MgtApp-D, FW-Rec-Trails-MgtApp-E
206-19	Protect community values by reducing fire hazard and risk. Update the Fire Prevention Strategy and address the fire risk and hazard that exist in the urban interface.	Addressed in plan components and/or management approaches.	FW-Fire-DC-3, FW-Fire-G-1, FW-Fire-MgtApp-D, FW-Fire-MgtApp-F, FW-LndAdj-MgtApp-G
206-19	Ensure that residents adjacent to National Forest lands understand the natural environment and are partners in managing the neighboring Forest lands for public use and resource protection.	Addressed in plan components and/or management approaches.	FW-InterpEd-DC-2, FW-InterpEd-DC-7, FW-InterpEd-G-1, FW-InterpEd-MgtApp-B, FW-InterpEd-MgtApp-D, FW-Water-MgtApp-K, MA-HouseMtn-MgtApp-C, MA-OakCrk-MgtApp-E, MA-RedRock-MgtApp-D, MA-SedN-MgtApp-B
206-19	Collaborate with local governments, agencies and residents to protect resources and address residents' concerns.	Addressed in plan components and/or management approaches.	MA-HouseMtn-MgtApp-C, MA-OakCrk-MgtApp-E, MA-OakCrk-MgtApp-G, MA-RedRock-MgtApp-D, MA-SedN-MgtApp-B

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Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
206-19	Work with land owners and local and regional governments to encourage private land uses that are compatible with National Forest goals for the Sedona/Oak Creek Ecosystem.	Addressed in plan components and/or management approaches.	FW-LndAdj-MgtApp-D, MA-HouseMtn-MgtApp-C, MA-OakCrk-MgtApp-E, MA-OakCrk-MgtApp-G, MA-RedRock-MgtApp-D, MA-SedN-MgtApp-B
206-19	Collaborate with local and regional governments and transportation agencies to meet future local and regional transportation needs, including the design and location of roadway improvements and routes and alternative modes of transportation.	Addressed in plan components and/or management approaches.	FW-LndAdj-MgtApp-F, FW-RdsFac-MgtApp-E, FW-RdsFac-MgtApp-H, MA-OakCrk-G-7
206-19	Collaborate with local and regional governments in regional planning efforts to achieve land use patterns and land development consistent with community and National Forest goals.	Addressed in plan components and/or management approaches.	FW-LndAdj-MgtApp-A, FW-LndAdj-MgtApp-D
206-20	Work with local and regional governments and road agencies to develop transportation solutions that reduce traffic and vehicle impacts on National Forest lands. Consider solutions that: - restrict recreation site access to shuttle only; - provide land for park-and-ride solutions; - create incentives for the use of shuttles and other high-occupancy vehicles; - place limits and fees on parking; and - encourage alternative modes of transportation.	Addressed in plan components and/or management approaches.	FW-RdsFac-MgtApp-H, MA-HouseMtn-MgtApp-A, MA-OakCrk-G-7, MA-RedRock-MgtApp-A, MA-SedN-MgtApp-B
206-20	Land exchanges that dispose of National Forest in the Sedona/Oak Creek Ecosystem will occur only if they result in acquisition of National Forest lands in the Sedona/Oak Creek Ecosystem.	Addressed in plan components and/or management approaches.	MA-HouseMtn-S-2, MA-OakCrk-S-4, MA-RedRock-S-7, MA-SedN-S-4
206-20	Base-for-exchange lands are National Forest lands located at: - Brewer Road (approximately 21 acres, Neighborwoods MA), - Chapel of the Holy Cross (approximately 11 acres, Neighborwoods MA), - Slide Rock area (approximately 13 acres, Oak Creek MA), - Village of Oak Creek Golf Course (approximately 5 acres, Neighborwoods MA) and - The Dells (up to 800 acres, Gateway and Savannah MAs).	Addressed in plan components and/or management approaches.	MA-HouseMtn-S-3, MA-OakCrk-S-5, MA-RedRock-S-8, MA-SedN-S-5

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Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
206-20	Land exchanges that dispose of National Forest land in The Dells area will occur only if they result in acquisition of high-priority private parcels elsewhere in the Sedona/Oak Creek Ecosystem. High priority private parcels total approximately 783 acres. (Refer to Map 2 – Base-for-Exchange/Priority Acquisition Lands) High-priority land acquisition parcels include: - Lincoln Canyon, - Woo Ranch, - Hancock Ranch, - Bradshaw Ranch, - Tree Farm, - Cockscomb and - Tucker Property.	Addressed in plan components and/or management approaches.	MA-HouseMtn-G-7, MA-HouseMtn-S-2, MA-HouseMtn-S-3, MA-OakCrk-G-14, MA-OakCrk-S-4, MA-OakCrk-S-5, MA-RedRock-G-7, MA-RedRock-S-7, MA-RedRock-S-8, MA-SedN-G-6, MA-SedN-S-4
206-21	To comply with the National Environmental Policy Act, the appropriate level of environmental analysis and public involvement will be conducted for any land exchange or disposal.	Reference to controlling authority not repeated in plan component, but proposed revised plan includes additional direction related to this topic.	FW-LndAdj-MgtApp-A
206-21	Consider the effects of potential land development on infrastructure (such as transportation and sewer); utilities (such as water and power); and adjacent National Forest, private lands and other public lands in all land exchange proposals.	Addressed in plan components and/or management approaches.	FW-LndAdj-G-1, FW-LndAdj-G-2
206-21	Discourage new utility corridors on National Forest lands. When no other alternative exists, combine new utilities with existing utility corridors or road/trail corridors.	Addressed in plan components and/or management approaches.	FW-SpecUse-DC-2, FW-SpecUse-G-5, FW-SpecUse-G-8
206-21	Encourage open space designations on private land between private development and National Forest lands as a buffer to minimize conflicts between residents and other National Forest users.	Addressed in plan components and/or management approaches.	FW-LndAdj-MgtApp-D, FW-LndAdj-MgtApp-E

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206-21	National Forest parcels less than or equal to 10 acres in size could be disposed of under the Small Tracts Act, Townsite Act or General Exchange Act to resolve encroachment issues or provide lands needed for public purposes.	Addressed in plan components and/or management approaches.	FW-LndAdj-G-2, MA-HouseMtn-G-7, MA-OakCrk-G-14, MA-RedRock-G-9, MA-SedN-G-6
206-21	Encourage local governments and private parties to use such methods as deed restrictions, development agreements, joint planning authority and master planning to mitigate effects from future land exchanges on the community and National Forest.	Addressed in plan components and/or management approaches.	FW-LndAdj-MgtApp-A, FW-LndAdj-MgtApp-D
206-21	Encourage local governments or agencies, private landowners and/or other appropriate entities (e.g. Nature Conservancy, Trust for Public Land, local land trust) to protect the resources and character of National Forest surrounding high priority private parcels through methods such as, conservation easements, land trust management, deed restrictions, or public acquisition.	Addressed in plan components and/or management approaches.	FW-LndAdj-MgtApp-B
206-22	Offer exceptional day-use recreation activities. National Forest camping continues to be an important recreation experience, but day use opportunities are more abundant.	Addressed in plan components and/or management approaches.	FW-Rec-All-DC-2, FW-Rec-All-DC-6, FW-Rec-All-G-1, FW-Rec-All-G-2, MA-HouseMtn-G-4, MA-OakCrk-DC-6, MA-RedRock-DC-1, MA-RedRock-DC-2, MA-RedRock-DC-4, MA-SedN-MgtApp-B, MA-SedN-S-2
206-22	There is a range of nature-based recreation opportunities that provide a wide array of benefits by meeting people's needs and preferences while sustaining the Sedona/Oak Creek Ecosystem.	Addressed in plan components and/or management approaches.	FW-Rec-All-DC-6, FW-Rec-All-G-1, FW-Rec-All-G-2, MA-HouseMtn-DC-1, MA-OakCrk-DC-3, MA-OakCrk-G-5, MA-OakCrk-G-9, MA-RedRock-DC-1, MA-RedRock-DC-2, MA-RedRock-DC-4, MA-SedN-DC-2

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206-22	Appropriate degrees of natural quiet are restored and maintained.	Addressed in plan components and/or management approaches.	FW-InterpEd-DC-6, FW-Rec-All-DC-10, FW-Rec-All-DC-4, MA-OakCrk-G-11, MA-RedRock-DC-6, MA-RedRock-G-3
206-22	Emphasize opportunities for individuals, families or small groups and opportunities for experiencing solitude, scenic beauty and natural quiet. Recreation opportunities are primarily nature based. Both short and long visits are available.	Addressed in plan components and/or management approaches.	FW-Rec-All-DC-10, FW-Rec-All-DC-4, FW-Scenic-DC-1, FW-Scenic-DC-2, MA-HouseMtn-DC-3, MA-HouseMtn-DC-6, MA-OakCrk-DC-11, MA-OakCrk-DC-4, MA-RedRock-DC-10, MA-RedRock-DC-2, MA-RedRock-DC-7, MA-SedN-DC-3, MA-SedN-DC-4
206-22	Recreation activities and facilities meet visitor needs and are consistent with ecological goals and recreational opportunity spectrum (ROS) objectives.	Addressed in plan components and/or management approaches.	FW-Rec-Dev-DC-2, FW-Rec-Dev-DC-4, FW-Rec-Dev-DC-5, FW-Rec-Dev-DC-6, FW-Rec-Dev-G-1, FW-SpecUse-DC-8, MA-HouseMtn-DC-3, MA-OakCrk-DC-4, MA-RedRock-DC-7, MA-SedN-DC-3
206-22	Recreation user conflicts are minimal and the recreation experience is healthy and safe.	Addressed in plan components and/or management approaches.	FW-Rec-All-DC-4, FW-Rec-All-DC-6, FW-Rec-All-DC-7, FW-Rec-All-G-2, FW-Rec-All-MgtApp-A
206-22	Recreation activities and facilities protect water quality and the aquatic/riparian community.	Addressed in plan components and/or management approaches.	FW-Rec-All-G-1, FW-Rec-All-G-2, FW-Rec-Dev-DC-2, FW-Rec-Dev-DC-8, FW-Rec-Dev-DC-9, FW-Rec-Disp-G-5, MA-OakCrk-G-9

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206-22	Visitors have access to high-quality trail experiences.	Addressed in plan components and/or management approaches.	FW-Rec-Trails-DC-1, FW-Rec-Trails-DC-2, FW-Rec-Trails-G-1, MA-RedRock-DC-6
206-22	Recognize the strong demand for inspirational and contemplative benefits in the natural landscape and provide settings that contribute to these benefits.	Addressed in plan components and/or management approaches.	FW-Rec-All-DC-1, FW-Rec-All-DC-10, FW-Rec-All-DC-2, FW-Rec-All-DC-4, MA-HouseMtn-DC-3, MA-OakCrk-DC-4, MA-RedRock-DC-6, MA-RedRock-DC-7, MA-SedN-DC-3
206-22	Manage some places for high levels of visitation and to meet the demands of day-use activities that emphasize scenic viewing, hiking and experiencing and learning about the natural environment and cultural resources. Manage some places for an uncrowded setting.	Addressed in plan components and/or management approaches.	FW-Rec-All-DC-2, FW-Rec-All-DC-4, MA-HouseMtn-DC-1, MA-HouseMtn-DC-3, MA-OakCrk-DC-4, MA-OakCrk-DC-6, MA-RedRock-DC-4, MA-RedRock-DC-6, MA-RedRock-DC-7, MA-SedN-DC-3
206-22	Provide leadership to coordinate recreation and visitor information planning among major recreation providers, such as Red Rock State Park, Crescent Moon Ranch Recreation Site, the Chamber of Commerce, the City of Sedona, Big Park Coordinating Council and the Cultural Park.	Addressed in plan components and/or management approaches.	MA-HouseMtn-MgtApp-C, MA-OakCrk-MgtApp-D, MA-OakCrk-MgtApp-E, MA-OakCrk-MgtApp-G, MA-RedRock-MgtApp-C, MA-SedN-MgtApp-B
206-22	Increase opportunities for Semi-primitive and Primitive ROS experiences to better meet the high demand for this type of recreation setting.	Addressed in plan components and/or management approaches.	FW-Rec-All-DC-4, MA-HouseMtn-DC-3, MA-OakCrk-DC-4, MA-RedRock-DC-1, MA-RedRock-DC-2, MA-RedRock-DC-7, MA-SedN-DC-3

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206-22	Ensure that most National Forest visitor activities occur at developed sites and on trails designed for high levels of use.	Addressed in plan components and/or management approaches.	FW-Rec-All-G-2, FW-Rec-All-G-4, FW-Rec-Dev-DC-3
206-23	Ensure that recreation site fees are reasonable to enable low- and moderate-income families to access recreation in the Sedona/Oak Creek Ecosystem.	Addressed in plan components and/or management approaches.	FW-Rec-All-G-7
206-23	Identify a network of roads at various challenge levels for off-highway vehicle touring. Focus OHV activity in the Savannah and Schnebly Rim MAs, although opportunities may be available in other management areas. Limit this activity in the Neighborwoods, Oak Creek Canyon, Transition and Redrock Frontcountry MAs, consistent with ROS and resident concerns. Exceptions include Casner Powerline Road, Broken Arrow and Soldier Pass four-wheel-drive roads.	Addressed in plan components and/or management approaches.	FW-RdsFac-DC-1, FW-RdsFac-S-1, FW-Rec-Trails-DC-7, MA-HouseMtn-DC-2, MA-HouseMtn-DC-4, MA-HouseMtn-G-2, MA-HouseMtn-G-5, MA-HouseMtn-G-6, MA-OakCrk-DC-3, MA-OakCrk-G-2, MA-OakCrk-G-6, MA-RedRock-DC-3, MA-RedRock-DC-9, MA-RedRock-G-2, MA-RedRock-S-2, MA-SedN-DC-2, MA-SedN-G-2, MA-SedN-G-5
206-23	Eliminate, redesign or relocate unneeded or poorly located roads and trails to lessen impacts on such resources as cultural sites, soil, water and wildlife and to minimize user conflicts.	Addressed in plan components and/or management approaches.	FW-RdsFac-DC-1, FW-RdsFac-G-5, FW-RdsFac-G-6, FW-RdsFac-G-7, FW-RdsFac-MgtApp-J, FW-Rec-Trails-DC-11, FW-Rec-Trails-G-1, FW-Rec-Trails-G-3, FW-Rec-Trails-G-6
206-23	Expand opportunities for scenic viewing along roads and trails.	Addressed in plan components and/or management approaches.	FW-Scenic-DC-8, MA-RedRock-DC-1, MA-RedRock-DC-5, MA-RedRock-DC-8

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206-23	Ensure that aircraft operations are conducted so as to eliminate or reduce noise impacts on visitors and restore and protect appropriate levels of natural quiet.	Addressed in plan components and/or management approaches.	FW-Rec-All-DC-10, MA-OakCrk-G-11, MA-RedRock-DC-6, MA-RedRock-G-3, MA-SedN-G-4, SA-Wild-MgtApp-E
206-23	Protect sensitive archaeological and biological sites by reducing public access and informing visitors more thoroughly.	Addressed in plan components and/or management approaches.	FW-Hrtg-DC-1, FW-Hrtg-DC-2, FW-Hrtg-DC-3, FW-Hrtg-DC-4, FW-Hrtg-G-4, FW-Hrtg-G-6, FW-RdsFac-DC-1, FW-RdsFac-MgtApp-J, FW-Rec-Trails-G-3
206-23	Reduce the need for and impacts from parking areas and traffic on National Forest land by expanding opportunities for biking, ride sharing and alternate types of transportation, such as shuttles or other mass transit.	Addressed in plan components and/or management approaches.	FW-RdsFac-MgtApp-H, FW-Rec-All-MgtApp-A, MA-OakCrk-DC-8, MA-OakCrk-G-7
206-23	Improve National Forest trailheads and develop additional trailheads as identified in Appendix B - Trailhead List.	Addressed in plan components and/or management approaches.	FW-Rec-Trails-DC-10, FW-Rec-Trails-G-1, FW-Rec-Trails-G-2, FW-Rec-Trails-MgtApp-E

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206-23	Consolidate multiple-trail plans that apply to the Sedona/Oak Creek Ecosystem into one plan called The Redrock Trail Plan. (Refer to Map 6 - Redrock Trail System and Appendix B - Trailhead List) The Plan should: - complement the transportation and other goals of the community and Forest Service; - include a variety of non-motorized trails such as: narrow rugged Wilderness trails, high-use trails to allow access to popular areas, wide gentle and hard-surfaced ``pathways,'' and a variety of loops and neighborhood links; - disperse users to areas designed to accommodate trail use while protecting resources and community values; - offer a variety of opportunities for day trips; - provide effective connections between nearby resorts, residential areas and National Forest; - define criteria for National Forest user satisfaction and schedule periodic surveys to monitor user satisfaction to minimize impacts on Wilderness values; - promote shared trails, not single-use trails; - provide outstanding trail experiences that help people experience the diverse environment of the redrock country; and, - locate trails to take people where they want to go.	Addressed in plan components and/or management approaches.	FW-Rec-Disp-MgtApp-B, FW-Rec-Trails-DC-1, FW-Rec-Trails-DC-10, FW-Rec-Trails-DC-2, FW-Rec-Trails-DC-3, FW-Rec-Trails-DC-5, FW-Rec-Trails-DC-7, FW-Rec-Trails-DC-8, FW-Rec-Trails-DC-9, FW-Rec-Trails-MgtApp-A, FW-Rec-Trails-MgtApp-B, FW-Rec-Trails-MgtApp-C
206-24	Some forest sites are a destination for visitors with interest in the spiritual landscape, including, but not limited to, locations at Bell Rock, Boynton Canyon, Cathedral Rock, Schnebly Hill and Table Top Mesa. Where possible provide access to these sites with opportunities for contemplative reflection and scenic vistas, and provide access for older people and people with disabilities seeking opportunities for regenerative reflection.	Addressed in plan components and/or management approaches.	FW-Rec-All-DC-3, FW-Rec-All-G-3, FW-Rec-Trails-DC-1, FW-Rec-Trails-DC-2, FW-Rec-Trails-G-1
206-24	Camping and campfires are prohibited in the Neighborwoods, Oak Creek Canyon, Redrock Front- country, Gateway, Red Cliff, Dry Creek Basin, Special Area and Transition MAs except in designated places.	Addressed in plan components and/or management approaches.	MA-HouseMtn-G-4, MA-OakCrk-S-2, MA-RedRock-G-4, MA-SedN-S-2
206-24	Limit dispersed camping to locations that protect resources, provide neighborhood security and protect the National Forest visitor's quality of experience.	Addressed in plan components and/or management approaches.	FW-Rec-All-DC-6, FW-Rec-Disp-DC-1, FW-Rec-Disp-G-5, MA-HouseMtn-G-4, MA-OakCrk-S-2, MA-RedRock-G-4, MA-SedN-S-2

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206-24	Until such time as monitoring or new information provides improved methods to achieve the goal of restoring and protecting natural quiet in the planning area, the following actions are recommended. - Prohibit all landing of commercial aircraft on National Forest lands within the planning area, except for emergency or management needs. - Adjust the activities of Forest Service permitted hot air balloon companies to reduce the impact of their activities on residences and wildlife. - Adjust the operations of Forest Service and management flights of other agencies, such as the AG&F, as feasible to reduce noise impacts. - Develop a monitoring program to determine if goals and objectives are being met. - Consult with local governments to gain their cooperation in helping to ensure that aircraft operations do not adversely affect natural quiet on National Forest lands. - Seek assistance from the Sedona Airport Administration to inform pilots about ``noise-sensitive'' areas, such as Wilderness, Cathedral Rock and Oak Creek Canyon and to request that pilots avoid hovering, circling or overflying these areas below 7,500 feet or 2,000 feet AGL, whichever is higher. - Work with the Department of Defense to eliminate military air operations below 7,500 feet MSL or 2,000 feet above the canyon rim, whichever is higher. - Gain cooperation from the aviation community, including air tour operators and general aviation pilots, to achieve the restoration and protection of natural quiet in the Sedona/Oak Creek Ecosystem. - Request the FAA to gain pilot compliance with existing flight rules and advisories and to determine the need for a Special Federal Aviation Regulation (SFAR) or other airspace management plan that achieves the restoration and protection of natural quiet in the Sedona/Oak Creek Ecosystem.	Addressed in plan components and/or management approaches.	FW-Rec-All-DC-10, FW-SpecUse-S-1, MA-OakCrk-G-11, MA-RedRock-DC-6, MA-RedRock-G-3, MA-SedN-G-4, SA-Wild-MgtApp-E
206-25	Close trails and roads where impacts on cultural and biological resources are unacceptable.	Addressed in plan components and/or management approaches.	FW-Hrtg-DC-1, FW-RdsFac-DC-1, FW-RdsFac-G-1, FW-RdsFac-MgtApp-J, FW-Rec-Trails-DC-4, FW-Rec-Trails-G-1

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Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
206-25	Complete ROS assessments for projects on National Forest lands that could change recreation settings. Use the ROS as a tool to adjust management and protect and restore the recreation experience. Use the matrix on Map 3 - Recreation Opportunity Spectrum Objectives as a guide for setting and managing encounter levels.	Reference to controlling authority not repeated in plan component, but proposed revised plan includes additional direction related to this topic.	FW-Rec-All-DC-2, FW-Rec-All-DC-4, FW-SpecUse-DC-8, MA-HouseMtn-DC-3, MA-OakCrk-DC-4, MA-RedRock-DC-7, MA-SedN-DC-3
206-25	In some areas, such as at Bell Rock, provide more intense management than may be generally consistent with ROS objectives.	Addressed in plan components and/or management approaches.	FW-Rec-All-DC-4, FW-Rec-Dev-DC-3, MA-RedRock-DC-7
206-25	Limit road maintenance and road improvement activities in order to conserve Semi-primitive Motorized ROS characteristics. Provide road maintenance consistent with MA emphasis/ROS objectives. (Refer to Appendix C - Road Maintenance Objectives)	Addressed in plan components and/or management approaches.	FW-RdsFac-G-4, MA-HouseMtn-DC-4, MA-HouseMtn-G-2, MA-OakCrk-G-2, MA-RedRock-DC-9, MA-RedRock-G-2, MA-SedN-G-2
206-25	Develop a ``host'' program at designated camping locations to reduce resource impacts, encourage proper camping etiquette and provide information to National Forest visitors.	Addressed in plan components and/or management approaches.	FW-InterpEd-DC-1, FW-InterpEd-DC-2, FW-InterpEd-G-1, FW-InterpEd-MgtApp-B, FW-InterpEd-MgtApp-D, FW-Rec-All-DC-5
206-26	Discourage large group events in the Sedona/Oak Creek Ecosystem except in suitable developed places, such as Crescent Moon Ranch Recreation Site or in the Savannah MA.	Addressed in plan components and/or management approaches.	FW-Rec-Dev-DC-7, FW-SpecUse-DC-9, FW-SpecUse-G-19

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206-26	Discourage proliferation of unneeded trails by: - providing well-defined trails that encourage people to stay on designated routes; - designing trails that provide a reasonable degree of access; and - installing trail markers and defining trail edges; - providing orientation maps; - obliterating social trails that duplicate system trails or cause damage, such as erosion or plant loss.	Addressed in plan components and/or management approaches.	FW-InterpEd-DC-3, FW-InterpEd-G-2, FW-InterpEd-G-3, FW-Rec-All-G-8, FW-Rec-Trails-DC-1, FW-Rec-Trails-DC-11, FW-Rec-Trails-DC-3, FW-Rec-Trails-DC-4, FW-Rec-Trails-G-1, FW-Rec-Trails-G-3, MA-HouseMtn-DC-2, MA-OakCrk-DC-3, MA-OakCrk-DC-5, MA-OakCrk-DC-9, MA-OakCrk-G-4, MA-OakCrk-G-5, MA-RedRock-DC-3, MA-SedN-DC-2
206-26	National Forest management activities should demonstrate the concepts of reduce, reuse, recycle and reclaim to National Forest visitors.	Addressed in plan components and/or management approaches.	FW-InterpEd-DC-1, FW-InterpEd-DC-2, FW-InterpEd-G-1, FW-Rec-All-DC-5
206-26	Recreation developments should incorporate universal design features to the extent possible, given the terrain and the overall level of development.	Addressed in plan components and/or management approaches.	FW-Rec-All-DC-3, FW-Rec-All-G-3
206-26	Implement and use the ``meaningful measures'' system to develop quality standards for recreation facilities and user satisfaction.	Addressed in plan components and/or management approaches.	FW-Rec-All-DC-1, FW-Rec-Dev-DC-2, FW-Rec-Dev-DC-5
206-26	Commercial activities occur during times and in locations consistent with the needs of National Forest users and area residents. Commercial activities are consistent with Sedona/Oak Creek Ecosystem goals.	Addressed in plan components and/or management approaches.	FW-SpecUse-DC-7, FW-SpecUse-G-2, MA-HouseMtn-S-1, MA-OakCrk-S-1, MA-RedRock-S-4, MA-RedRock-S-5, MA-RedRock-S-6, MA-SedN-S-1, MA-SedN-S-3
206-26	Commercial tours are consistent with each management area's emphasis, ROS objectives and community goals.	Addressed in plan components and/or management approaches.	FW-SpecUse-DC-7, FW-SpecUse-G-17, MA-HouseMtn-DC-3, MA-OakCrk-DC-4, MA-RedRock-DC-7, MA-SedN-DC-3

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Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
206-26	Permitted commercial tour businesses are capable and willing to invest in the stewardship of natural resources and the infrastructure of the National Forest within which they operate. Permitted commercial tours participate in resource protection and monitoring.	Addressed in plan components and/or management approaches.	FW-SpecUse-S-2, MA-HouseMtn-MgtApp-A, MA-HouseMtn-MgtApp-B, MA-OakCrk-MgtApp-F, MA-RedRock-MgtApp-A, MA-RedRock-MgtApp-B, MA-SedN-MgtApp-F
206-26	Commercial tours support the Forest Service mission by providing high-quality outdoor recreational, educational and interpretive opportunities consistent with Sedona/Oak Creek Ecosystem goals.	Addressed in plan components and/or management approaches.	FW-SpecUse-DC-7, FW-SpecUse-DC-8, FW-SpecUse-G-1, FW-SpecUse-G-16
206-26	Commercial uses are conducted in a way that sustains long-term soil productivity, properly functioning ecosystems and riparian functions.	Addressed in plan components and/or management approaches.	FW-SpecUse-G-1, FW-SpecUse-G-18, FW-SpecUse-G-3
206-27	Provide a commercial guide training program. Training should focus on National Forest goals and regulations, Leave-No-Trace etiquette and natural and cultural history. Training should occur annually or when new guides are hired. Collaborate with guides to develop and implement the training program.	Addressed in plan components and/or management approaches.	MA-HouseMtn-MgtApp-B, MA-OakCrk-MgtApp-F, MA-RedRock-MgtApp-B, MA-SedN-MgtApp-F
206-27	Eliminate as soon as feasible existing permitted commercial aircraft landings on the National Forest.	Addressed in plan components and/or management approaches.	FW-SpecUse-S-1
206-27	Evaluate new applications for commercial tours based on the willingness and ability of the applicant/permittee to meet the vision and goals of the Forest Plan. This review will consider overall recreation use rather than focusing on commercial tours only.	Reference to controlling authority not repeated in plan component, but proposed revised plan includes additional direction related to this topic.	FW-SpecUse-DC-7, FW-SpecUse-DC-8, FW-SpecUse-G-16

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206-27	Adjust the use of commercial tours as a solution to traffic and resource impacts.	Addressed in plan components and/or management approaches.	FW-SpecUse-G-1, FW-SpecUse-G-16, FW-SpecUse-G-2, MA-OakCrk-G-7
206-27	Permitted commercial tours invest in such infrastructure as roads, trails, scenic turnouts and signs in areas where they operate.	Addressed in plan components and/or management approaches.	FW-SpecUse-S-2
206-27	Prohibit helicopter landings and takeoffs on National Forest lands except for emergencies and rare maintenance support activities.	Addressed in plan components and/or management approaches.	FW-SpecUse-S-1
206-27	Limit new commercial tours to activities that have significant demand, promote transportation services or public safety, or substantially increase protection of cultural or natural resources.	Addressed in plan components and/or management approaches.	FW-SpecUse-DC-7, FW-SpecUse-G-16
206-27	Any new commercial tour services will be solicited by the Forest Service and a prospectus process will be used to select new operators. Unsolicited proposals will generally be rejected.	Addressed in plan components and/or management approaches.	FW-SpecUse-MgtApp-G, FW-SpecUse-MgtApp-H
206-27	Limit travel associated with commercial uses to system roads and trails, or to sites designated in an operating plan for such use.	Addressed in plan components and/or management approaches.	FW-SpecUse-DC-7, FW-SpecUse-DC-8
206-27	Require Forest Service-approved training for permitted commercial guides and their employees on such topics as cultural and natural history, site etiquette and Forest Service missions and goals for the Sedona/Oak Creek Ecosystem.	Addressed in plan components and/or management approaches.	MA-HouseMtn-MgtApp-B, MA-OakCrk-MgtApp-F, MA-RedRock-MgtApp-B, MA-SedN-MgtApp-F

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Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
206-27	Delegate approval authority for Statewide commercial tours for the Sedona/Oak Creek Ecosystem to the Sedona Ranger District. This will ensure compatibility with Forest Plan direction and appropriateness of the activity for the sensitive Sedona/Oak Creek Ecosystem.	Addressed in plan components and/or management approaches.	FW-SpecUse-MgtApp-A, FW-SpecUse-MgtApp-I
206-28	Removal of commercial National Forest products is by permit at designated locations only.	Addressed in plan components and/or management approaches.	MA-HouseMtn-S-1, MA-OakCrk-S-3, MA-RedRock-S-6, MA-SedN-S-3
206-28	Apply guidelines for commercial filming that protect National Forest resources and recreational uses and benefits. Discourage commercial filming using aircraft in all management areas except the Savannah MA and limited places in the Gateway MA.	Addressed in plan components and/or management approaches.	FW-SpecUse-G-1, FW-SpecUse-G-2, MA-OakCrk-G-11, MA-RedRock-G-3, MA-SedN-G-4, MA-SedN-MgtApp-E, SA-Wild-MgtApp-E
206-28	Review and adjust existing commercial tours to meet Forest Plan direction, ROS objectives and community goals and to address residential concerns.	Addressed in plan components and/or management approaches.	FW-RdsFac-DC-1, FW-Rec-All-DC-4, FW-SpecUse-DC-8, FW-SpecUse-G-1, FW-SpecUse-G-2, MA-HouseMtn-DC-3, MA-OakCrk-DC-4, MA-RedRock-DC-7, MA-SedN-DC-3
206-28	Commercial tour activities must not allow livestock to access unsuitable range.	Addressed in plan components and/or management approaches.	FW-Graz-G-4, FW-SpecUse-DC-8, FW-SpecUse-G-21
206-28	Encourage commercial tours to use private land for their activities when their proposed use is not consistent with National Forest goals and can be accommodated on private land.	Reference to controlling authority not repeated in plan component, but proposed revised plan includes additional direction related to this topic.	FW-SpecUse-G-16

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206-28	Forest Service communication and interpretive messages show respect for the diverse backgrounds and needs of visitors. The Forest Service communicates accurately and honestly and conveys a land ethic to visitors.	Addressed in plan components and/or management approaches.	FW-InterpEd-DC-1, FW-InterpEd-DC-2, FW-InterpEd-G-1
206-28	National Forest visitor information achieves orientation, safety, educational and resource protection goals as well as recovery of threatened and endangered species. Visitors and residents: - know where to get information about National Forest opportunities and regulations; - learn about the cultural and natural features of the Sedona/Oak Creek Ecosystem; - understand the role of fire, know how to minimize risk and accept some temporary changes in air quality to accommodate prescribed fire activities; - consider potential impacts when choosing recreation activities and know how to minimize their impacts; - understand the legal and ethical limitations on their activities and the reasons for these restrictions; - know about the unique and sensitive resources in the Sedona/Oak Creek Ecosystem and are stewards of these resources; and - are aware of when they are entering or leaving the National Forest.	Addressed in plan components and/or management approaches.	FW-Fire-MgtApp-D, FW-Fire-MgtApp-G, FW-InterpEd-DC-1, FW-InterpEd-DC-2, FW-InterpEd-DC-3, FW-InterpEd-DC-4, FW-InterpEd-DC-7, FW-InterpEd-G-1, FW-Rec-All-DC-5, FW-WUI-MgtApp-A
206-29	Collaborate with the community, local governments, agencies, and service and volunteer organizations, including the Chamber of Commerce, National Park Service and Arizona State Parks, to develop and implement an effective visitor information plan.	Addressed in plan components and/or management approaches.	FW-InterpEd-MgtApp-A, FW-InterpEd-MgtApp-D
206-29	Coordinate National Forest information disseminated through other sources, such as chambers of commerce, resorts, concessionaire fee booths, State parks, national monuments and museums, into a consistent and accurate message that promotes stewardship.	Addressed in plan components and/or management approaches.	FW-InterpEd-MgtApp-A, FW-InterpEd-MgtApp-D
206-29	Develop visitor welcome centers in cooperation with the community, other agencies, and private partners.	Addressed in plan components and/or management approaches.	FW-InterpEd-DC-2, FW-InterpEd-G-4, MA-RedRock-DC-5

Amendment 12 – Entire Sedona/Oak Creek Planning Area			
Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
206-29	Provide interpretive information at trailheads and designated camping and parking areas explaining heritage and Wilderness philosophy and etiquette.	Addressed in plan components and/or management approaches.	FW-Hrtg-DC-7, FW-Hrtg-DC-9, FW-InterpEd-DC-1, FW-InterpEd-DC-2, FW-InterpEd-DC-3
206-29	Provide information for OHV tourists and trail users, including maps and signs that provide road and trail information and explain National Forest regulation for such activities as OHV travel and camping and trail opportunities.	Addressed in plan components and/or management approaches.	FW-InterpEd-DC-3, FW-InterpEd-DC-5, FW-InterpEd-G-2, FW-InterpEd-G-3, FW-RdsFac-G-3, FW-Rec-All-G-8
206-29	Provide interpretation and information for the local community and National Forest users regarding wildfire. Make efforts to educate homeowners and builders about risk-reduction practices.	Addressed in plan components and/or management approaches.	FW-Fire-DC-4, FW-Fire-MgtApp-F, FW-Fire-MgtApp-G, FW-WUI-MgtApp-A
206-30	Provide orientation information and interpretation at sites that receive high levels of visitation.	Addressed in plan components and/or management approaches.	FW-InterpEd-DC-5, FW-InterpEd-G-4
206-30	At Wilderness access points, provide directional guidance and information on minimum impact and archaeological site etiquette.	Addressed in plan components and/or management approaches.	FW-Hrtg-DC-9, FW-InterpEd-DC-1, FW-InterpEd-DC-2, FW-InterpEd-DC-5, FW-InterpEd-G-2, SA-Wild-DC-9
206-30	Use a consistent design style for interpretive and information signs and kiosks, allowing for individual site distinctiveness.	Addressed in plan components and/or management approaches.	MA-HouseMtn-G-1, MA-OakCrk-G-1, MA-RedRock-G-1, MA-SedN-G-1
206-30	Information should direct visitors to places that can sustain visitor use.	Addressed in plan components and/or management approaches.	FW-InterpEd-DC-1, FW-InterpEd-G-3

Amendment 12 – Entire Sedona/Oak Creek Planning Area			
Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
206-30	Information about the location of sensitive, cultural and biological sites is not provided to visitors.	Addressed in plan components and/or management approaches.	FW-Hrtg-DC-1, FW-Hrtg-DC-2, FW-Hrtg-DC-3, FW-SpecUse-G-14
206-30	At selected popular destination sites provide interpretation to encourage visitors to protect the natural surroundings and to respect the introspective and contemplative experiences of others.	Addressed in plan components and/or management approaches.	FW-Hrtg-DC-7, FW-Hrtg-DC-9, FW-InterpEd-DC-1, FW-InterpEd-DC-2, FW-InterpEd-DC-5, FW-InterpEd-G-1, FW-InterpEd-G-4, FW-Rec-All-DC-5

Management Area 21 – Dry Creek Basin

Management Area 21 – Dry Creek Basin			
Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
206-32	Eliminate vehicle crossings of Dry Creek unless appropriate water quality protection measures can be used.	Addressed in plan components and/or management approaches.	FW-RdsFac-DC-1, FW-RdsFac-DC-2, FW-RdsFac-DC-5, FW-RdsFac-G-1, FW-RdsFac-G-5, FW-Rip-Strm-G-2, FW-Rip-Strm-MgtApp-A, FW-Soil-G-2, FW-Water-G-4
206-32	Protect sensitive plant populations by placing trails and trailheads out of sight of sensitive plants, such as Verde Valley sage and Delmaters agave.	Addressed in plan components and/or management approaches.	FW-Rec-Trails-DC-4, FW-Rec-Trails-G-1
206-32	People experience a predominantly natural appearing and sounding environment away from the main travel-ways.	Addressed in plan components and/or management approaches.	FW-Rec-All-DC-10, FW-Rec-All-DC-2, FW-Rec-All-DC-4, FW-Rec-All-DC-6, FW-Rec-Disp-DC-1, MA-RedRock-DC-6, MA-RedRock-DC-7

Management Area 21 – Dry Creek Basin			
Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
206-32	Acquire properties whose development could detract from scenic and Wilderness values or impact historical/cultural values, such as Tucker property, Tree Farm and Cockscomb.	Addressed in plan components and/or management approaches.	FW-LndAdj-G-1
206-33	If acquisition is not possible and development occurs, establish partnerships with owners/developers of isolated parcels, such as Enchantment, Seven Canyons, Cockscomb and Tree Farm, to reduce and control the impacts of private development on surrounding National Forest land.	Addressed in plan components and/or management approaches.	FW-InterpEd-DC-7, FW-LndAdj-MgtApp-B
206-33	Achieve, in general, a Semi-primitive Non-motorized ROS setting away from roads and Semi-primitive Motorized along Dry Creek Road. Recognize ROS setting inconsistencies expected along Dry Creek Road, at or within half a mile of trailheads, where encounters with other people are expected to be high and in the areas near private lands, such as Cockscomb/Tree Farm/Long Canyon.	Addressed in plan components and/or management approaches.	FW-Rec-All-DC-4, MA-RedRock-DC-7
206-33	Maintain the Dry Creek Road (FR152) in a rough condition that keeps the challenging and narrow character of the roadway but allows access by the careful driver in a standard low clearance vehicle. Emphasize trail access, picnicking and scenic viewing along the Dry Creek Road.	Addressed in plan components and/or management approaches.	MA-RedRock-G-2
206-33	Design a campground that provides: - a Semi-primitive camping experience for tent campers with emphasis on a quiet, natural, rustic, uncrowded setting; - a jump-off point to the Wilderness; - staging site for day hikes; - camping and trail access for equestrians; and - up to 60 campsite	Addressed in plan components and/or management approaches.	FW-Rec-All-DC-2, FW-Rec-All-MgtApp-A, FW-Rec-Dev-DC-1, FW-Rec-Dev-DC-3, FW-Rec-Dev-DC-4, FW-Rec-Dev-DC-5, MA-RedRock-DC-6
206-33	Emphasize non-guided, day-use recreational activities, featuring high quality hiking, mountain biking, equestrian use, scenic viewing, contemplation and opportunities to experience nature and solitude.	Addressed in plan components and/or management approaches.	MA-RedRock-DC-1, MA-RedRock-DC-2, MA-RedRock-DC-4, MA-RedRock-DC-6

Management Area 21 – Dry Creek Basin			
Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
206-33	Expand non-motorized trail opportunities outside of Wilderness that provide a variety of challenge levels with emphasis on moderate to difficult access levels as defined in ROS accessibility guidelines.	Addressed in plan components and/or management approaches.	MA-RedRock-DC-2, MA-RedRock-DC-3
206-33	Establish a ``hub'' trailhead to: - accommodate a variety of trail users; - centralize access away from sensitive areas; and - provide a trail link with popular trailheads on Dry Creek Road where parking cannot be expanded such as Devil's Bridge, Brins Mesa, Secret Canyon and Vultee Arch.	Addressed in plan components and/or management approaches.	FW-Rec-Trails-DC-1, FW-Rec-Trails-DC-11, FW-Rec-Trails-DC-3, MA-RedRock-DC-3
206-34	Rehabilitate areas that have been damaged by dispersed camping and parking. Give priority to Dry Creek, Fay Canyon South, Dry Creek Road, Long Canyon and Van Deren Cabin.	Addressed in plan components and/or management approaches.	FW-Rec-All-G-1, FW-Rec-Disp-DC-3
206-34	Prohibit camping and recreation fires except in designated areas.	Addressed in plan components and/or management approaches.	MA-RedRock-G-4
206-34	Develop partnerships with commercial tour operators to maintain the Dry Creek Road and to renovate and protect Van Deren Cabin.	Addressed in plan components and/or management approaches.	FW-SpecUse-S-2, MA-RedRock-MgtApp-A
206-34	Limit permitted commercial tours to system roads and trails, with most use occurring at Van Deren Cabin and on Dry Creek Road and arterial roadways.	Addressed in plan components and/or management approaches.	FW-SpecUse-DC-1, FW-SpecUse-DC-7, MA-RedRock-DC-7
206-34	Develop a ``gateway'' information facility to orient and inform visitors about the recreation opportunities and regulations for the Dry Creek Basin, Savannah and Red Cliff MAs. Evaluate this facility to determine if it can be consolidated with the area's trailhead ``hub.''	Addressed in plan components and/or management approaches.	FW-InterpEd-DC-2, FW-InterpEd-DC-5, FW-InterpEd-G-4, MA-RedRock-DC-5

Management Area 22 - Gateway

Management Area 22 - Gateway			
Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
206-35	Visitors are welcomed and oriented to the area.	Addressed in plan components and/or management approaches.	FW-InterpEd-DC-2, FW-InterpEd-G-4, MA-OakCrk-DC-1, MA-RedRock-DC-5
206-35	A sense of arrival at a special place that encourages stewardship is conveyed.	Addressed in plan components and/or management approaches.	FW-InterpEd-G-1, MA-HouseMtn-DC-6, MA-OakCrk-DC-11, MA-RedRock-DC-10, MA-RedRock-DC-8
206-35	People entering or leaving the redrock landscape enjoy an outstanding scenic corridor.	Addressed in plan components and/or management approaches.	MA-RedRock-DC-1, SA-ScenicRds-DC-1, SA-ScenicRds-DC-3
206-35	Provide a high-quality experience for visitors enhanced by unaltered vistas of the distant redrock cliffs.	Addressed in plan components and/or management approaches.	MA-RedRock-DC-1, SA-ScenicRds-DC-3
206-35	Coordinate with the Arizona Department of Transportation, local governments and private land owners to encourage protection of the scenic quality along entry highways.	Addressed in plan components and/or management approaches.	FW-Scenic-MgtApp-B, FW-Scenic-MgtApp-C, MA-HouseMtn-DC-3, MA-RedRock-DC-7, MA-RedRock-G-5, MA-RedRock-G-6
206-35	Maintain scenic parkway characteristics. Consider scale and alignment in the design of roadway improvements. Also consider roadway features such as signs, guardrails and landscaping, that contribute to the desired scenic character.	Addressed in plan components and/or management approaches.	MA-HouseMtn-G-3, MA-RedRock-G-6, SA-ScenicRds-DC-1, SA-ScenicRds-DC-4, SA-ScenicRds-G-1
206-35	Roadside facilities are designed and placed to provide safe scenic viewing and photo opportunities. They blend with and complement the surrounding landscape. Strategically locate and consolidate parking and access areas to minimize disturbance and visual clutter associated with signing, parking areas and trailheads.	Addressed in plan components and/or management approaches.	FW-Rec-All-G-4, FW-Scenic-DC-9, MA-RedRock-DC-1, MA-RedRock-DC-8, MA-RedRock-G-6, SA-ScenicRds-DC-1

Management Area 22 - Gateway			
Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
206-35	Base-for-exchange at The Dells (up to 800 acres) is intended to allow for acquisition of high-priority private parcels only.	Addressed in plan components and/or management approaches.	MA-RedRock-S-7, MA-RedRock-S-8
206-36	Exchange proposals will consider methods such as development agreements, joint planning authority and master planning to mitigate impacts on the National Forest and the community.	Addressed in plan components and/or management approaches.	FW-LndAdj-MgtApp-A, FW-LndAdj-MgtApp-D
206-36	Manage generally for a Roaded Natural ROS setting. Recognize the inconsistencies of the future development of State highways 179 and 89A south of Sedona to make them both four-lane highways within five years and manage for a Rural ROS setting classification immediately adjacent to the roadway.	Addressed in plan components and/or management approaches.	MA-HouseMtn-DC-3, MA-OakCrk-DC-4, MA-RedRock-DC-7, MA-RedRock-G-5
206-36	Facilitate alternative forms of transportation, such as shuttle buses and bicycle paths.	Addressed in plan components and/or management approaches.	FW-Rec-All-MgtApp-E, FW-SpecUse-G-16, MA-OakCrk-G-7
206-36	At Woods Canyon Trailhead: - improve signing and parking for Wilderness access; - discourage casual Wilderness use resulting from roadside parking along the highway; - eliminate vehicle access across Jacks Creek; and - restore damaged sites using erosion control and revegetation.	Addressed in plan components and/or management approaches.	FW-Rec-All-G-4, FW-Rec-Trails-DC-3, FW-Rec-Trails-DC-4, FW-Rec-Trails-G-1, SA-Wild-G-7, SA-Wild-O-1
206-37	Work with the Arizona Department of Transportation to determine safe pullout/facility locations along State highways. Combine these pullouts with opportunities for scenic viewing, trail access, interpretation, transit stops and other National Forest access.	Addressed in plan components and/or management approaches.	FW-Scenic-MgtApp-B, MA-RedRock-DC-8, SA-ScenicRds-DC-3, SA-ScenicRds-MgtApp-A

Management Area 22 - Gateway			
Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
206-37	Locate and design welcome centers to enhance community values and provide National Forest visitor parking and orientation. Work toward private/public partnerships to accomplish this objective, possibly on National Forest lands under appropriate authorization.	Addressed in plan components and/or management approaches.	FW-InterpEd-DC-2, FW-InterpEd-MgtApp-D, MA-OakCrk-DC-1, MA-RedRock-DC-5, MA-RedRock-MgtApp-D
206-37	Prohibit camping and recreation fires.	Addressed in plan components and/or management approaches.	MA-HouseMtn-G-4, MA-OakCrk-S-2, MA-RedRock-G-4
206-37	Prohibit commercial tours, except on State Highways 179 and 89A.	Addressed in plan components and/or management approaches.	FW-SpecUse-DC-7, FW-SpecUse-DC-8, FW-SpecUse-G-16, MA-RedRock-S-5
206-37	Provide general area information, especially about roads, trails, camping, community services, points of interest and sensitive features of the Sedona/Oak Creek Ecosystem. Visitor information developments should offer a ``self-service'' format with little on-site assistance needed. However, on-site hosts are encouraged. Do not limit the information to the National Forest only, but consider and provide the broad range of information visitors require. Seek partnerships to provide this information.	Addressed in plan components and/or management approaches.	FW-InterpEd-DC-1, FW-InterpEd-DC-2, FW-InterpEd-DC-3, FW-InterpEd-DC-4, FW-InterpEd-DC-5, FW-InterpEd-G-1, FW-InterpEd-G-4, FW-InterpEd-MgtApp-D, FW-Rec-All-DC-5
206-37	Visitors are welcomed and oriented to the Sedona/Oak Creek Ecosystem and are directed to locations that are best suited to the type of activity they are seeking.	Addressed in plan components and/or management approaches.	FW-InterpEd-DC-2, FW-InterpEd-DC-3, MA-OakCrk-DC-1, MA-RedRock-DC-5
206-37	Interpret Lime Kiln and Chavez Wagon roads and Stage Stop.	Addressed in plan components and/or management approaches.	FW-Hrtg-DC-7, FW-Hrtg-G-5, MA-RedRock-DC-4, MA-RedRock-DC-5

Management Area 23 – Lower Oak Creek

Management Area 23 – Lower Oak Creek			
Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
206-38	Opportunities for non-motorized, uncrowded, dispersed recreation are common.	Addressed in plan components and/or management approaches.	MA-HouseMtn-DC-1, MA-HouseMtn-DC-3, MA-HouseMtn-G-6
206-38	Wildlife habitat, water quality and a healthy stream environment are protected.	Addressed in plan components and/or management approaches.	FW-Eco-DC-1, FW-Water-DC-1, FW-WFP-DC-1, MA-HouseMtn-DC-1
206-38	Opportunities are provided for solitude and isolation from sights and sounds of human activity across a range of settings from streamside to canyon to mesa top.	Addressed in plan components and/or management approaches.	FW-Rec-All-DC-2, FW-Rec-All-DC-4, FW-Rec-Disp-DC-1, MA-HouseMtn-DC-3
206-38	Collaborate with the AG&FD and the USFWS to reintroduce the round-tailed chub into Lower Oak Creek if, after a review of the potential habitats, methods and economics, it is a viable project.	Addressed in plan components and/or management approaches.	FW-WFP-MgtApp-A
206-38	A native fish community exists and functions naturally within the lower reaches of Oak Creek. There is an appropriate range of spawning, rearing and overwintering habitat to support native fish. Increase angler awareness of and demand for native fish.	Addressed in plan components and/or management approaches.	FW-Rip-Strm-DC-2, FW-WFP-DC-10, FW-WFP-DC-2, FW-WFP-DC-4, FW-WFP-DC-8, FW-WFP-MgtApp-A, FW-WFP-MgtApp-I
206-38	Research is conducted to further define the habitat requirements of the native fish community and to identify actions to protect and/or restore habitat conditions and increase native fish populations.	Addressed in plan components and/or management approaches.	FW-SpecUse-DC-6, FW-WFP-MgtApp-B
206-38	Retain elements of prehistoric agricultural landscapes and historic ranching.	Addressed in plan components and/or management approaches.	FW-Hrtg-DC-1

Management Area 23 – Lower Oak Creek			
Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
206-39	Though close to the City of Sedona and Page Springs, this MA is still relatively undeveloped and should be managed for a Semi-primitive Motorized ROS setting on the north side of Oak Creek. Manage the south side of the creek for a Semi-primitive Non-motorized ROS setting. The expected number of encounters on the north side reflects the level of private development and the road use from visitors accessing Oak Creek. The south side is non-roaded and the expected encounter level is measured in encounters per day rather than per hour.	Addressed in plan components and/or management approaches.	FW-Rec-All-DC-4, MA-HouseMtn-DC-1, MA-HouseMtn-DC-2, MA-HouseMtn-DC-3
206-39	Provide a network of trails linked to other trail systems and designed for non-motorized use such as biking, equestrian activity and hiking.	Addressed in plan components and/or management approaches.	MA-HouseMtn-DC-2
206-39	Add commercial use trails in the Kachina area to the Redrock Trail System where appropriate. Close and rehabilitate unneeded trails and roads in the Kachina area. Continue partnerships with equestrian commercial tours and volunteer groups to maintain these trails.	Addressed in plan components and/or management approaches.	FW-RdsFac-G-6, FW-Rec-Trails-DC-2, FW-Rec-Trails-MgtApp-D, MA-HouseMtn-DC-2
206-39	Provide angling opportunities at remote sites and in a natural landscape.	Addressed in plan components and/or management approaches.	FW-Rec-All-DC-2, FW-Rec-All-DC-8, FW-Rec-All-DC-9, FW-Rec-All-G-1, FW-Rec-All-G-2, FW-WFP-DC-10, MA-HouseMtn-DC-1
206-39	Expand opportunities for wildlife viewing.	Addressed in plan components and/or management approaches.	FW-Rec-All-MgtApp-C, FW-WFP-DC-10, MA-HouseMtn-DC-1
206-39	Implement such measures as vehicle barriers to restrict vehicles from driving in Oak Creek. Maintain National Forest road access to Elmersville.	Addressed in plan components and/or management approaches.	FW-RdsFac-G-1, FW-RdsFac-G-5, FW-Rec-Disp-DC-2, FW-Rec-Disp-G-1, FW-Rec-Disp-S-1, MA-HouseMtn-G-6

Management Area 23 – Lower Oak Creek			
Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
206-39	Provide for dispersed camping that is consistent with protection of riparian values.	Addressed in plan components and/or management approaches.	FW-Rec-Disp-DC-3, FW-Rec-Disp-DC-4, FW-Rec-Disp-G-5, MA-HouseMtn-DC-1, MA-HouseMtn-G-4
206-39	Interpret the Molina Homestead.	Addressed in plan components and/or management approaches.	FW-Hrtg-DC-7, FW-Hrtg-DC-8, FW-Hrtg-G-2, FW-Hrtg-G-5

Management Area 24 – Neighborwoods

Management Area 24 - Neighborwoods			
Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
206-40	Collaborate with the AG&FD to educate residents about urban wildlife, such as deer, snakes, raccoon, skunk, coyotes and javelina.	Addressed in plan components and/or management approaches.	MA-SedN-MgtApp-D
206-40	Provide information about introduced noxious plants and the problems they can create for the native Ecosystem.	Addressed in plan components and/or management approaches.	FW-InterpEd-DC-4, FW-InterpEd-MgtApp-A, FW-Invas-MgtApp-D
206-40	Fire management activities are intense and focus on protection of life and property. These activities include: - identifying places of high fuel buildup and potential wildfire problems in the wildland/urban interface; - providing interpretation and information to residents and National Forest users regarding wildfire; - educating homeowners and builders on risk-reducing practices; and - updating the Fire Prevention Strategy to address the risk and hazard in the urban interface.	Addressed in plan components and/or management approaches.	FW-Fire-DC-3, FW-Fire-DC-4, FW-Fire-G-1, FW-Fire-MgtApp-D, FW-WUI-DC-5, FW-WUI-G-1, FW-WUI-MgtApp-A

Management Area 24 - Neighborwoods			
Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
206-40	Base-for-exchange at Chapel of the Holy Cross is intended for church acquisition only; base-for-exchange at VOC Golf Course is intended for golf course acquisition; base-for-exchange at Brewer Road Ranger Station is intended to facilitate a new ranger station and/or welcome center location.	Addressed in plan components and/or management approaches.	MA-SedN-S-5
206-41	Encourage local governments to ensure appropriate trail access on private lands through the private land development process. Use the Redrock Trails Plan and the Sedona Urban Trails and Pathways Plan as guides for future trail planning efforts. (Refer to Map 6 - Redrock Trails Plan)	Addressed in plan components and/or management approaches.	FW-LndAdj-MgtApp-C, MA-SedN-DC-2, MA-SedN-MgtApp-A, MA-SedN-MgtApp-B
206-41	Manage access at neighborhood National Forest trailheads to discourage visitor parking along residential streets and to encourage alternative forms of transportation.	Addressed in plan components and/or management approaches.	FW-LndAdj-MgtApp-F, FW-Rec-All-G-4, FW-Rec-Trails-DC-10, FW-Rec-Trails-G-1, FW-Rec-Trails-G-6, FW-Rec-Trails-MgtApp-E, MA-SedN-DC-2
206-41	Due to the level of adjacent development and the ease of access, manage generally for Rural or Roaded Natural ROS settings, except where there are remnant pockets of Semiprimitive ROS settings such as in the Soldier Pass area. Soldier Pass should be managed as Semi-primitive Motorized. This location is less accessible and more primitive than most of the MA. Maintain the rough and primitive condition of the four-wheel-drive road in this area.	Addressed in plan components and/or management approaches.	FW-Rec-All-DC-10, FW-Rec-All-DC-4, FW-Rec-All-DC-6, FW-Rec-All-G-1, FW-Rec-Trails-DC-7, MA-SedN-DC-1, MA-SedN-DC-2, MA-SedN-DC-3, MA-SedN-G-2, MA-SedN-MgtApp-B, MA-SedN-MgtApp-C
206-41	A system of trails and pathways surrounds the City of Sedona and the Village of Oak Creek and provides trail recreation opportunities and a means of non-motorized travel off busy streets. Design trails and trailheads to: - direct visitors through residential areas and onto National Forest lands in an efficient manner with minimal inconvenience for residents and visitors; - provide convenient trail access for residents and visitors; - prevent damage to vegetation and soils; - encourage residents to use designated trails, neighborhood links and trailheads and discourage user created paths.	Addressed in plan components and/or management approaches.	FW-Rec-Trails-DC-1, FW-Rec-Trails-DC-10, FW-Rec-Trails-DC-11, FW-Rec-Trails-DC-4, FW-Rec-Trails-G-1, FW-Rec-Trails-G-3, FW-Rec-Trails-MgtApp-E, MA-SedN-DC-1, MA-SedN-DC-2

Management Area 24 - Neighborwoods			
Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
206-41	Expand partnerships with neighborhoods to promote trail and resource stewardship and to obtain assistance in trail maintenance and planned trail construction.	Addressed in plan components and/or management approaches.	FW-Rec-Trails-MgtApp-C, FW-Rec-Trails-MgtApp-D, MA-SedN-MgtApp-A
206-41	Collaborate with the AG&FD, The Yavapai and Coconino County Sheriff's and City of Sedona Police Department, to develop special hunting and shooting regulations.	Addressed in plan components and/or management approaches.	FW-Rec-All-MgtApp-F, FW-WFP-MgtApp-C
206-41	Restore damaged sites, with priority given to Sedona North Urban Interface, Airport Saddle, Soldier Pass, Jordan Road, Broken Arrow, Upper and Lower Red Rock Loop Roads, the Sedona Gun Range and Chavez Crossing.	Addressed in plan components and/or management approaches.	FW-Rec-All-G-2, FW-Rec-All-MgtApp-E, MA-SedN-DC-1, MA-SedN-DC-2, MA-SedN-MgtApp-B, MA-SedN-MgtApp-C
206-42	Work toward private/public partnerships that provide National Forest visitor access and orientation facilities, especially trailheads and parking. These facilities might be located on National Forest lands under appropriate authorization.	Addressed in plan components and/or management approaches.	FW-InterpEd-DC-5, FW-Rec-Trails-MgtApp-D, FW-Rec-Trails-MgtApp-E, MA-RedRock-DC-5
206-42	Address local neighborhood concerns about the impacts of visitor use on residential quality of life. Use such methods as night-time closures, improving signs and limiting motorized access and the number of visitors.	Addressed in plan components and/or management approaches.	MA-SedN-DC-2, MA-SedN-MgtApp-B
206-42	Camping and recreation fires are prohibited except in designated sites at Chavez Group Campground.	Addressed in plan components and/or management approaches.	MA-SedN-S-2
206-42	Modify commercial activities as needed to address resident concerns for safety and to minimize disturbance from commercial activities that access National Forest lands through neighborhoods.	Addressed in plan components and/or management approaches.	FW-SpecUse-G-2, MA-SedN-G-4, MA-SedN-MgtApp-A, MA-SedN-MgtApp-B, MA-SedN-MgtApp-E

Management Area 24 - Neighborwoods			
Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
206-42	Work with commercial tours, filming groups and homeowners to resolve user and neighborhood safety and quality of life conflicts such as concerns about noise, safety and facilities maintenance needs.	Addressed in plan components and/or management approaches.	MA-SedN-MgtApp-E
206-42	Work with partners in the community to encourage residents' stewardship of National Forest resources. Volunteer partnerships have high resident participation and provide opportunities for exciting stewardship with a strong learning component.	Addressed in plan components and/or management approaches.	FW-InterpEd-DC-7, FW-Rec-Trails-MgtApp-D, MA-SedN-MgtApp-A, MA-SedN-MgtApp-B
206-42	Collaborate with Red Rock State Park as a partner in environmental education and stewardship.	Addressed in plan components and/or management approaches.	FW-InterpEd-MgtApp-D, MA-RedRock-MgtApp-C, MA-SedN-MgtApp-B

Management Area 25 – Red Cliff

Management Area 25 – Red Cliff			
Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
206-43	Facilities that provide access to the cliffs or occur near the cliffs should remain visually subordinate to cliffs and to the surrounding landscape.	Addressed in plan components and/or management approaches.	FW-RdsFac-G-10, FW-RdsFac-MgtApp-K, FW-Rec-Dev-MgtApp-E, FW-Scenic-DC-7
206-43	Maintain or enhance views of the cliffs from the travel corridors through various means such as: - acquisition of intervening private properties with emphasis on undeveloped parcels; and - limiting the use of intervening areas for parking, camping and/or utilities.	Addressed in plan components and/or management approaches.	FW-LndAdj-DC-1, FW-Scenic-DC-8, FW-Scenic-DC-9, MA-RedRock-DC-1, MA-RedRock-DC-10, MA-RedRock-G-6, MA-RedRock-G-8

Management Area 25 – Red Cliff			
Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
206-43	Develop management strategies for Honanki and Palatki, addressing all facets of visitor use. Management strategies should identify the amount and type of visitation that is consistent with maintaining a high-quality experience and site integrity.	Addressed in plan components and/or management approaches.	FW-Hrtg-DC-1, FW-Hrtg-DC-8, FW-Hrtg-G-2, FW-Hrtg-MgtApp-P, MA-RedRock-G-7
206-43	Participate in partnerships with American Indians, including but not limited to development strategies for management, stabilization, interpretation, collection of ethnographic information and involvement with resorts and Wilderness programs.	Addressed in plan components and/or management approaches.	FW-Hrtg-MgtApp-P, FW-Trbl-DC-1, FW-Trbl-MgtApp-A
206-44	Provide cultural interpretation at Palatki, Honanki and Boynton Canyon.	Addressed in plan components and/or management approaches.	FW-Hrtg-DC-12, FW-Hrtg-DC-5, FW-Hrtg-DC-7, FW-Hrtg-DC-8, FW-Hrtg-DC-9, FW-Hrtg-G-2, FW-Hrtg-G-5
206-44	Collaborate with the Nature Conservancy and Archaeological Conservancy to protect cultural and biological resources in the vicinity of Hartwell Canyon.	Addressed in plan components and/or management approaches.	FW-Hrtg-DC-1, FW-Hrtg-MgtApp-A, FW-Hrtg-MgtApp-F, FW-Hrtg-MgtApp-G
206-44	Document cliff dwellings and rock art sites.	Addressed in plan components and/or management approaches.	FW-Hrtg-DC-5, FW-Hrtg-DC-6, FW-Hrtg-G-1, FW-Hrtg-O-1, FW-Hrtg-O-2
206-44	Inventory cultural areas of distinctive prehistoric and historic features (e.g., orchards) and recognize their natural and interpretive potential.	Addressed in plan components and/or management approaches.	FW-Hrtg-DC-13, FW-Hrtg-DC-5, FW-Hrtg-DC-6, FW-Hrtg-DC-7, FW-Hrtg-O-1, FW-Hrtg-O-2
206-44	Prohibit dogs at developed interpretive sites in Honanki and Palatki and in Boynton Canyon.	Addressed in plan components and/or management approaches.	MA-RedRock-S-1

Management Area 25 – Red Cliff			
Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
206-44	Acquire primarily undeveloped private parcels, particularly the Hancock Ranch, Woo Ranch and Lincoln Canyon properties.	Addressed in plan components and/or management approaches.	MA-RedRock-S-8
206-44	If acquisition cannot occur, collaborate with private land owners and county governments in the land development process to protect unique resources such as scenery, adjacent Wilderness, archaeological values and threatened and endangered species habitat.	Addressed in plan components and/or management approaches.	FW-LndAdj-MgtApp-B, FW-Scenic-MgtApp-B, MA-RedRock-MgtApp-D
206-44	Management should be consistent with a Semi-primitive Motorized ROS setting in the part of the Management Area west of Red Canyon, allowing for specific ROS setting inconsistencies, such as cultural interpretive sites like Palatki, the influence of the main road (FR152c) and access to private lands. Although the ROS objectives at Palatki and Honanki are the same as those of the surrounding MA, the maximum desired number of encounters is three to four groups per hour because of the lower capacity of these sites to handle visitation without damage to cultural values.	Addressed in plan components and/or management approaches.	FW-Rec-All-DC-4, MA-RedRock-DC-7, MA-RedRock-G-7
206-44	Provide adequate trailhead facilities for hikers and equestrians to serve Loy Canyon and Mooney Trails and to serve hikers at Boynton Canyon and Bear Mountain trails. Expand loop trails, such as Mooney and Loy Canyon. Work to provide more parking, avoid impacts on archaeological sites and reduce private land conflicts at the Loy Canyon trailhead and trail.	Addressed in plan components and/or management approaches.	FW-Rec-Trails-DC-1, FW-Rec-Trails-DC-10, FW-Rec-Trails-DC-11, FW-Rec-Trails-DC-3, FW-Rec-Trails-G-1, FW-Rec-Trails-O-1, MA-RedRock-DC-3
206-45	Restore damaged sites, with priority given to Boynton Canyon, Honanki, Fay Canyon Trailhead, Loy Canyon and Palatki.	Addressed in plan components and/or management approaches.	FW-Hrtg-G-3, FW-Rec-All-G-1
206-45	Prohibit camping and recreation fires.	Addressed in plan components and/or management approaches.	MA-RedRock-G-4

Management Area 25 – Red Cliff			
Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
206-45	Maintain roads in the lowest standard possible consistent with safety and the desired primitive recreation experience.	Addressed in plan components and/or management approaches.	MA-RedRock-G-2
206-45	Discourage the construction of additional trails to limit access to unprotected cultural sites.	Addressed in plan components and/or management approaches.	FW-Hrtg-DC-1, FW-Hrtg-G-4, FW-InterpEd-DC-1, FW-Rec-Trails-DC-1, FW-Rec-Trails-DC-11, FW-Rec-Trails-DC-3, FW-Rec-Trails-G-1
206-45	Expand partnerships with commercial tours to protect, enhance, restore and monitor Honanki in compliance with Section 106 of the Historic Preservation Act and to provide accurate interpretation and site etiquette for visitors.	Addressed in plan components and/or management approaches.	FW-Hrtg-DC-11, FW-Hrtg-MgtApp-O, FW-Hrtg-MgtApp-P, FW-SpecUse-G-20, MA-RedRock-MgtApp-B
206-45	Limit commercial tours at Honanki consistent with site protection and visitor experience objectives.	Addressed in plan components and/or management approaches.	FW-SpecUse-G-20
206-45	Expand the level of personal contact between interpreters and visitors at cultural interpretive sites. Provide a high level of interpretation and one-on-one contact to accomplish the following: - opportunities for interactive learning through protection, documentation and restoration projects at archaeological sites; - appropriate access to site etiquette information; - appreciation of archaeological conservation, native cultures and history; and - visitor education about archaeology and historic resources that fully protects those resources.	Addressed in plan components and/or management approaches.	FW-Hrtg-DC-10, FW-Hrtg-DC-11, FW-Hrtg-DC-12, FW-Hrtg-DC-7, FW-Hrtg-DC-8, FW-Hrtg-G-5
206-45	Provide full-time hosts at Honanki, Palatki, Boynton Canyon and other significant cultural interpretive sites.	Addressed in plan components and/or management approaches.	FW-Hrtg-DC-8, FW-Hrtg-G-2

Management Area 26 – Redrock Frontcountry

Management Area 26 – Redrock Frontcountry			
Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
206-46	Rehabilitate locations that have been damaged by off-highway vehicle driving and camping with priority given to Broken Arrow, Schnebly Hill, Cathedral Rock and Carrol Canyon.	Addressed in plan components and/or management approaches.	FW-Rec-All-G-2, FW-Rec-All-MgtApp-E, MA-RedRock-MgtApp-D, MA-SedN-MgtApp-B, MA-SedN-MgtApp-C
206-46	Facilities that provide access to or occur near the cliffs remain visually subordinate to the cliffs and to the surrounding landscape. Maintain or enhance views of the cliffs from the travel corridors through various means such as: - limiting the use of intervening areas for parking, camping and/or utilities.	Addressed in plan components and/or management approaches.	FW-Rec-All-G-1, FW-Scenic-DC-2, FW-Scenic-DC-7, FW-Scenic-DC-8, FW-Scenic-DC-9, MA-RedRock-DC-10, MA-RedRock-DC-8, MA-SedN-DC-4
206-46	Develop transportation improvements such as scenic turnouts to provide orientation and information for visitors and to provide first impressions from the highways of the redrock landscape. Encourage use of alternative transportation such as shuttles and other high-occupancy vehicles.	Addressed in plan components and/or management approaches.	FW-LndAdj-MgtApp-F, FW-RdsFac-MgtApp-H, FW-SpecUse-G-16, MA-RedRock-DC-5, MA-RedRock-DC-8, SA-ScenicRds-DC-1, SA-ScenicRds-DC-3
206-47	Fire management activities are intense and focus on protection of life and property.	Addressed in plan components and/or management approaches.	FW-Fire-DC-1, FW-Fire-DC-3, FW-Fire-G-2, FW-WUI-DC-2, FW-WUI-DC-4
206-47	Recreation management is consistent with a variety of ROS settings, including: - Semi-primitive Non-motorized between Submarine Rock and the Wilderness boundary; - Semi-primitive Motorized for the remainder of the Devil's Dining Room/Broken Arrow area; - Semi-primitive Motorized with Roaded Natural inconsistencies (size too small and adjacent to Urban or Rural developments) for Scheurman Mountain, Carrol Canyon and the Cathedral Rock area; and - Roaded Natural for the remainder of this MA. (Refer to Map 3 - Recreation Opportunity Spectrum Objectives)	Addressed in plan components and/or management approaches.	FW-Rec-All-DC-2, FW-Rec-All-DC-4, MA-RedRock-DC-7, MA-RedRock-G-5, MA-SedN-DC-2, MA-SedN-DC-3

Management Area 26 – Redrock Frontcountry			
Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
206-47	In areas away from parking, roadway and staging sites, manage Schnebly Hill for Semi-primitive characteristics with no motorized access, while recognizing the ROS inconsistencies in existing social encounters and road access. Maintain the Semi-primitive character of Schnebly Hill Road with an unpaved surface to promote slow to moderate vehicle speeds and the desired recreation character. Retain minimum standards for Schnebly Hill road width, horizontal and vertical alignment, vegetation clearing, ditch definition and surfacing. Discourage improvements to Schnebly Hill Road as an alternative commuter route between I-17 and Sedona. The character of development and use should remain low-key, unhurried and rustic; auto traffic speed should be consistent with this character.	Addressed in plan components and/or management approaches.	FW-Rec-All-DC-4, MA-RedRock-DC-10, MA-RedRock-DC-9, MA-RedRock-G-2, MA-SedN-DC-3
206-47	Manage Broken Arrow Basin, away from the parking and staging area, for Semi-primitive Motorized ROS settings while recognizing the inconsistencies in social encounters that can be expected. Manage parking and staging areas at Broken Arrow Basin for Roaded Natural ROS settings because of the area's high level of use. The level of use on the main four wheel- drive road is higher than generally desired for SPM areas, but the physical setting and maintenance level of the road should be managed as SPM.	Addressed in plan components and/or management approaches.	FW-Rec-All-DC-4, MA-RedRock-DC-10, MA-RedRock-DC-7, MA-RedRock-G-5
206-47	Encourage a variety of primarily self-directed, day-use activities emphasizing hiking, scenic viewing and learning about the natural and cultural history of the Sedona/Oak Creek Ecosystem.	Addressed in plan components and/or management approaches.	MA-RedRock-DC-1, MA-RedRock-DC-2, MA-RedRock-DC-4
206-48	Collaborate with the AG&FD, The Yavapai and Coconino County Sheriff's and City of Sedona Police Department, to develop special hunting and shooting regulations.	Addressed in plan components and/or management approaches.	FW-Rec-All-MgtApp-F, FW-WFP-MgtApp-C
206-48	Facilities should serve large numbers of people at main vista/trail access points while conserving the natural environment and providing views of outstanding scenery in an atmosphere where the natural environment prevails and opportunities exist for quiet and contemplation.	Addressed in plan components and/or management approaches.	FW-RdsFac-MgtApp-K, FW-Rec-Dev-DC-3, FW-Rec-Dev-DC-4, FW-Rec-Dev-G-1, FW-Scenic-DC-7, MA-RedRock-DC-4, MA-RedRock-DC-5, MA-RedRock-DC-6

Management Area 26 – Redrock Frontcountry			
Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
206-48	A network of primarily non-motorized trails provides diverse opportunities for hikers, OHV recreationists, mountain bikers and equestrians while helping protect fragile natural resources and community relationships. Expand opportunities for loop hikes that provide access to the landscape and opportunities for scenic viewing. Expand access to overlooks and trails for persons with disabilities. Provide trail links to uptown Sedona, consistent with the Redrock Trail System as identified in this Amendment and with the City of Sedona Trails and Urban Pathways Plan. (Refer to Map 6 - Redrock Trails System)	Addressed in plan components and/or management approaches.	FW-Rec-All-DC-3, FW-Rec-Dev-DC-1, FW-Rec-Dev-DC-2, FW-Rec-Trails-DC-1, FW-Rec-Trails-DC-7, FW-Rec-Trails-G-1, FW-Rec-Trails-O-1, MA-RedRock-DC-3, MA-SedN-DC-2
206-48	On Schnebly Hill Road, develop a trailhead to serve the Margs Draw, Old Munds, and Huckaby trails and develop Schnebly Hill Vista as a viewpoint, interpretive site and possibly a trailhead.	Addressed in plan components and/or management approaches.	FW-Rec-Trails-DC-1, FW-Rec-Trails-DC-3, MA-RedRock-DC-3, MA-RedRock-DC-5, MA-RedRock-MgtApp-D, MA-SedN-DC-2, MA-SedN-MgtApp-B
206-48	Provide opportunities for motorists to stop along main roads to view the spectacular scenery and experience the redrock country. Orientation, information and interpretation opportunities should be available for visitors on State Routes 179 and 89A and at popular trailheads.	Addressed in plan components and/or management approaches.	FW-InterpEd-DC-2, FW-InterpEd-DC-5, FW-InterpEd-G-4, MA-RedRock-DC-8, SA-ScenicRds-DC-1
206-48	At Bell Rock, take special actions so that visitors will have an awareness of, and sensitivity to, the Munds Mountain Wilderness.	Addressed in plan components and/or management approaches.	FW-InterpEd-DC-1, FW-InterpEd-DC-2, FW-InterpEd-MgtApp-B, SA-Wild-DC-9
206-48	Camping and recreation fires are prohibited.	Addressed in plan components and/or management approaches.	MA-RedRock-G-4, MA-SedN-S-2
206-48	Discourage direct Wilderness access from State Highway 179. Limit this access to sites at Bell Rock and the Little Horse, Bell Rock Pathway and Woods Canyon trailheads.	Addressed in plan components and/or management approaches.	SA-Wild-DC-6, SA-Wild-G-1, SA-Wild-G-7
206-49	In many locations, site management should be intensive to accommodate very high levels of visitation, protect plants and soil and minimize user conflicts.	Addressed in plan components and/or management approaches.	FW-Rec-All-DC-6, FW-Rec-All-DC-7, FW-Rec-All-G-1, FW-Rec-All-G-2, FW-Rec-Dev-DC-3, MA-RedRock-DC-2, MA-RedRock-DC-3, MA-RedRock-DC-5, MA-RedRock-DC-6, MA-RedRock-MgtApp-D, MA-SedN-DC-1, MA-SedN-MgtApp-B

Management Area 26 – Redrock Frontcountry			
Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
206-49	Develop partnerships with commercial tours for maintaining the Schnebly Hill Road and other roads and adjacent facilities used for commercial tour activities.	Addressed in plan components and/or management approaches.	FW-SpecUse-S-2, MA-RedRock-G-2, MA-SedN-G-2
206-49	Focus commercial tour activities on the main roadway and vista areas and recreation facilities.	Addressed in plan components and/or management approaches.	FW-SpecUse-DC-7
206-49	Encourage the development of roving and guided interpretive activities in areas of high visitor use. Provide interpretation to enhance short-duration day-use experience with emphasis on natural history.	Addressed in plan components and/or management approaches.	FW-InterpEd-DC-6, MA-RedRock-DC-4, MA-RedRock-DC-6
206-49	Manage the area as a gateway into the Sedona/Oak Creek Ecosystem, providing key visitor information.	Addressed in plan components and/or management approaches.	FW-InterpEd-DC-2, MA-RedRock-DC-5
206-49	Provide outstanding interpretive opportunities to increase understanding of and appreciation for the Sedona/Oak Creek Ecosystem with emphasis on geology and natural history.	Addressed in plan components and/or management approaches.	FW-InterpEd-DC-1, FW-InterpEd-DC-2, MA-RedRock-DC-1

Management Area 27 - Savannah

Management Area 27 - Savannah			
Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
206-50	Ecosystem processes such as fire and flood play a natural role.	Addressed in plan components and/or management approaches.	FW-Eco-DC-1, FW-Eco-DC-2, FW-Eco-DC-3, FW-TerrERU-All-DC-2
206-50	Low-density human uses occur, including scenic viewing, OHV touring, hunting, wildlife viewing and firewood cutting.	Addressed in plan components and/or management approaches.	FW-Rec-All-DC-2, FW-Rec-All-DC-4, MA-HouseMtn-DC-1, MA-HouseMtn-DC-3
206-50	A wide variety of Semi-primitive motorized and non-motorized trail uses are provided.	Addressed in plan components and/or management approaches.	FW-Rec-All-DC-2, FW-Rec-All-DC-4, MA-HouseMtn-DC-1, MA-HouseMtn-DC-2, MA-HouseMtn-DC-3, MA-HouseMtn-DC-4, MA-HouseMtn-G-2

Management Area 27 - Savannah			
Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
206-50	Acquire certain private parcels to reduce habitat fragmentation and otherwise improve antelope and grassland species habitat.	Addressed in plan components and/or management approaches.	FW-LndAdj-G-1
206-50	This MA is characterized by an open vegetation structure. Use prescribed fire and other mechanical treatments to improve forage conditions for wildlife, particularly birds and antelope. Increase the area occupied by grasses and forbs while decreasing the area occupied by shrubs and trees in comparison to recent historic levels.	Addressed in plan components and/or management approaches.	FW-Fire-G-2, FW-Fire-MgtApp-A, FW-TerrERU-All-DC-1, FW-TerrERU-All-G-1, FW-TerrERU-Grass-DC-1, FW-TerrERU-Grass-MgtApp-A, FW-WFP-DC-1, FW-WFP-G-3
206-50	Where piñon/juniper woodland is maintained in a grassland condition, eliminate invading vegetation through mechanical and prescribed fire treatments as needed. Consult with AG&FD on the design of these treatments. (Refer to Map 7 - Prescribed Fire Project Areas)	Addressed in plan components and/or management approaches.	FW-Fire-G-2, FW-Fire-MgtApp-A, FW-TerrERU-All-G-1, FW-TerrERU-Grass-DC-1, FW-TerrERU-PJ-G-1, FW-TerrERU-PJ-MgtApp-A, FW-WFP-MgtApp-A
206-50	Develop conditions that: - provide high-quality habitat for upland game birds and deer; - improve and expand antelope and grassland bird habitat through such means as fence, road, fire and human access management; - provide adequate cover/security for animal shelter and foraging; and - improve forage conditions for wildlife, particularly quail.	Addressed in plan components and/or management approaches.	FW-RdsFac-DC-1, FW-TerrERU-Grass-MgtApp-C, FW-WFP-DC-1, FW-WFP-DC-2, FW-WFP-DC-6, FW-WFP-DC-8, FW-WFP-G-3, FW-WFP-G-5, FW-WFP-G-6, FW-WFP-G-8
206-51	Identify and protect antelope fawning areas.	Addressed in plan components and/or management approaches.	FW-TerrERU-Grass-MgtApp-C, FW-WFP-DC-1, FW-WFP-G-13, FW-WFP-G-3, FW-WFP-G-5, FW-WFP-G-8
206-51	Work together with the AG&FD to develop hunting regulations for antelope below the Rim in Game Management Unit 6B to protect and enhance the antelope population there.	Addressed in plan components and/or management approaches.	FW-WFP-MgtApp-A, FW-WFP-MgtApp-C
206-51	To minimize restriction of antelope movement, locate fences one eighth mile from roads if road right-of-way fencing is required. Remove fences that are no longer needed; use smooth-bottom wires and meet the wildlife standards as stated in FSH 2670 and 2240 for all existing or new fences.	Addressed in plan components and/or management approaches.	FW-WFP-G-5, FW-WFP-G-6
206-51	Locate roads to maintain adequate cover for animal shelter and foraging between roads, especially in locations with high road densities.	Addressed in plan components and/or management approaches.	MA-HouseMtn-G-5

Management Area 27 - Savannah			
Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
206-51	Use commercial and personal use firewood sales and Christmas tree cutting areas to reduce encroachment of invasive tree species and maintain open grassland habitat for antelope.	Addressed in plan components and/or management approaches.	FW-Fprod-DC-1, FW-Fprod-DC-2, FW-Fprod-G-1, FW-Fprod-MgtApp-A, FW-Fprod-MgtApp-B, FW-Invas-G-1, FW-WFP-DC-1, MA-HouseMtn-S-1
206-51	Low-intensity fire is acceptable unless life and property are threatened. Low-intensity prescribed burns are desired.	Addressed in plan components and/or management approaches.	FW-Fire-DC-2, FW-Fire-DC-3, FW-TerrERU-All-G-1, FW-TerrERU-All-G-2, FW-TerrERU-Grass-DC-2
206-51	There are few roads in the House Mountain area. Existing roads are primitive, with only native surfacing and no road prism development.	Addressed in plan components and/or management approaches.	MA-HouseMtn-DC-4, MA-HouseMtn-DC-5, MA-HouseMtn-G-2
206-51	Visitors see a landscape characterized by uncluttered panoramic vistas of scenic features. Reduce miles of road where feasible and locate remaining roads so that, except for road junctions, the sight of other roads is rare to the traveler.	Addressed in plan components and/or management approaches.	FW-RdsFac-DC-1, FW-RdsFac-DC-2, FW-RdsFac-G-6, FW-Scenic-DC-1, MA-HouseMtn-DC-6, MA-HouseMtn-G-3
206-51	Facilities such as roads and powerlines exist but are not prevalent and are subordinate to the natural landscape features, especially when seen from a distance greater than a half mile. Minimize evidence of ``administrative presence'' to a level consistent with a Semi-primitive ROS setting.	Addressed in plan components and/or management approaches.	FW-Scenic-DC-4, FW-Scenic-DC-7, FW-Scenic-DC-8, FW-Scenic-DC-9, FW-Scenic-G-1, MA-HouseMtn-DC-6
206-51	Survey promontories and major tributaries, including Coffee Creek.	Addressed in plan components and/or management approaches.	FW-Hrtg-O-1, FW-Hrtg-O-2
206-52	Acquire large blocks of undeveloped private property to improve antelope habitat and to prevent impacts on National Forest lands from residential and associated infrastructure development. Acquire the Bradshaw Ranch property.	Addressed in plan components and/or management approaches.	FW-LndAdj-G-1
206-52	Collaborate with Yavapai County and private property owners for appropriate development of the Gray Ranch area that will minimize impacts on National Forest lands.	Addressed in plan components and/or management approaches.	FW-LndAdj-MgtApp-D, FW-Scenic-MgtApp-B, MA-HouseMtn-MgtApp-C
206-50	Base-for-exchange at The Dells (up to 800 acres) is intended to allow for acquisition of high-priority private parcels only. Exchange proposals will consider methods such as development agreements, joint planning authority and master planning to mitigate impacts on the National Forest and the community.	Addressed in plan components and/or management approaches.	FW-LndAdj-MgtApp-A, FW-LndAdj-MgtApp-D, MA-HouseMtn-S-3

Management Area 27 - Savannah			
Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
206-52	The Savannah MA is relatively remote and should generally be managed for a Semi-primitive Motorized ROS setting. Retain the benefits of quiet and low human impact in the northwest portion of House Mountain by managing this unroaded area as Semi-primitive Non-motorized. Facilities are few and the character of development is rustic and primitive.	Addressed in plan components and/or management approaches.	FW-RdsFac-DC-4, MA-HouseMtn-DC-1, MA-HouseMtn-DC-2, MA-HouseMtn-DC-3, MA-HouseMtn-DC-4, MA-HouseMtn-DC-5
206-52	Opportunities to experience a natural, uncrowded environment prevail, including opportunities to experience solitude and natural quiet.	Addressed in plan components and/or management approaches.	FW-Rec-All-DC-10, FW-Rec-All-DC-4, MA-HouseMtn-DC-3
206-52	Expand opportunities for viewing wildlife. Enhance outstanding bird-watching opportunities through riparian protection measures at Stage Stop.	Addressed in plan components and/or management approaches.	FW-Rec-All-DC-8, FW-Rec-All-DC-9, FW-Rec-All-MgtApp-C, FW-Rec-Disp-DC-5
206-52	Establish a hub trailhead in the Black Tank area to serve equestrians and provide access to Sycamore Canyon, Casner Mountain, Mooney Mountain and Loy Canyon. Establish a trailhead to serve recreationists who use the Lime Kiln Trail.	Addressed in plan components and/or management approaches.	FW-Rec-Trails-DC-1, FW-Rec-Trails-DC-11, FW-Rec-Trails-DC-3, FW-Rec-Trails-G-1, MA-HouseMtn-DC-2
206-52	Create a network of roads and trails to serve OHV, mountain bike and equestrian use. Provide loops and connections with trails outside the area. Expand spring and fall trail recreation opportunities using existing roadways as much as feasible.	Addressed in plan components and/or management approaches.	FW-Rec-All-G-7, FW-Rec-Trails-DC-1, FW-Rec-Trails-DC-7, FW-Rec-Trails-DC-8, FW-Rec-Trails-G-5, MA-HouseMtn-DC-2, MA-HouseMtn-DC-4
206-53	Provide recreation opportunities associated with personal firewood gathering and mineral collection consistent with management area goals.	Addressed in plan components and/or management approaches.	FW-Fprod-DC-1, FW-FProd-G-3, FW-Fprod-MgtApp-C, MA-HouseMtn-DC-1
206-53	Provide opportunities for dispersed camping and hunting.	Addressed in plan components and/or management approaches.	FW-Rec-Disp-DC-1, FW-Rec-Disp-DC-3, FW-Rec-Disp-DC-4, MA-HouseMtn-DC-1
206-53	Provide a system of OHV recreation routes through the area that offer scenic and wildlife viewing, moderately rugged road conditions and dispersed camping. Provide route markers, road signs and maps as needed to guide people along the routes.	Addressed in plan components and/or management approaches.	FW-RdsFac-DC-5, FW-Rec-Disp-DC-4, FW-Rec-Trails-DC-2, FW-Rec-Trails-DC-6, FW-Rec-Trails-DC-7, FW-Rec-Trails-DC-8, FW-Rec-Trails-DC-9, MA-HouseMtn-DC-2, MA-HouseMtn-DC-4
206-53	Road and trail locations must consider antelope protection goals. Recreation goals are subordinate to antelope protection.	Addressed in plan components and/or management approaches.	FW-RdsFac-DC-1, FW-RdsFac-G-1, FW-Rec-All-G-1, FW-Rec-Trails-G-1, FW-WFP-G-13, FW-WFP-G-3

Management Area 27 - Savannah			
Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
206-53	Use only native surfacing and do not use road prism development for lateral roads (off of main access roads) unless increased use and development of private property require improvement for resource protection.	Addressed in plan components and/or management approaches.	FW-RdsFac-G-1, MA-HouseMtn-DC-4, MA-HouseMtn-DC-5
206-53	If the demand can be demonstrated, allow commercial tours to provide opportunities for scenic viewing, natural history education, wildlife viewing and other activities that are compatible with antelope protection and Savannah MA goals.	Addressed in plan components and/or management approaches.	FW-SpecUse-DC-7, FW-SpecUse-G-16
206-53	Livestock grazing and collection of minerals, firewood and native plants are consistent with other Sedona area-wide goals.	Addressed in plan components and/or management approaches.	FW-Fprod-DC-1, FW-FProd-G-3, FW-Graz-DC-2, FW-Graz-G-2
206-53	Provide a minimum of orientation and interpretation consistent with the ROS setting. Information should emphasize visitor orientation, natural history and etiquette pertinent to visitor activities in the Savannah MA.	Addressed in plan components and/or management approaches.	FW-InterpEd-DC-1, FW-InterpEd-DC-2, FW-InterpEd-DC-3
206-53	Provide information boards (kiosks) at main road junctions with pertinent OHV recreation information.	Addressed in plan components and/or management approaches.	FW-InterpEd-DC-2, FW-InterpEd-DC-5, FW-InterpEd-G-4, FW-Rec-Disp-G-2

Management Area 28 – Schnebly Rim

Management Area 28 – Schnebly Rim			
Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
206-54	Protect key elk, peregrine falcon, turkey and deer winter habitat. Protect turkey roosts from recreational activities, especially dispersed camping and motor vehicle traffic.	Addressed in plan components and/or management approaches.	FW-RdsFac-G-1, FW-Rec-All-G-1, FW-WFP-G-1, FW-WFP-G-11, FW-WFP-G-2, FW-WFP-G-3, FW-WFP-G-6, FW-WFP-MgtApp-A, FW-WFP-MgtApp-B, FW-WFP-MgtApp-E
206-54	Use prescribed fire to rejuvenate wildlife browse/forage areas.	Addressed in plan components and/or management approaches.	FW-Fire-G-2, FW-WFP-G-3
206-54	Close access to Schnebly Hill Road during wet periods when heavy tread rutting could occur.	Addressed in plan components and/or management approaches.	FW-RdsFac-DC-5, FW-RdsFac-G-1
206-54	Restore the rock pit located west of Schnebly Hill Road so that the pit site blends in visually with the surrounding natural landscape.	Addressed in plan components and/or management approaches.	FW-Scenic-DC-10, FW-Scenic-MgtApp-A, FW-Scenic-MgtApp-B, FW-Scenic-O-1, MA-RedRock-DC-10
206-54	Discourage use of lateral roads. While visitors are likely to see other visitors on the primary access road, they are unlikely to see other visitors on lateral roads.	Addressed in plan components and/or management approaches.	FW-RdsFac-DC-1, FW-RdsFac-S-1, FW-Rec-Disp-MgtApp-B, FW-Rec-Disp-S-1, FW-Scenic-DC-2, MA-RedRock-DC-10
206-54	Discourage improvements to Schnebly Hill Road as an alternate commuter route between Flagstaff and Sedona/Village of Oak Creek in order to maintain a more primitive roadway and recreational experience.	Addressed in plan components and/or management approaches.	MA-RedRock-DC-9, MA-RedRock-G-2
206-55	Manage, in general, for a Semi-primitive Motorized ROS setting, with seasonal closure of the southern portion to motor vehicles, and a Semi-primitive Non-motorized ROS setting above the Rim and west of the road corridor, between the Wilderness and the road. Recognize the relatively high level of use and encounter levels along Schnebly Hill Road, but maintain the road character as appropriate for the Semiprimitive motorized ROS setting.	Addressed in plan components and/or management approaches.	FW-Rec-All-DC-4, MA-RedRock-DC-7
206-55	Visitor activities should be consistent with and benefit from a Semi-primitive ROS character that provides opportunities to experience quiet, solitude and a sense of exploration, hunting, hiking, equestrian use, camping, mountain biking and off highway vehicle touring.	Addressed in plan components and/or management approaches.	FW-Rec-All-DC-10, FW-Rec-All-DC-6, MA-RedRock-DC-1, MA-RedRock-DC-3

Management Area 28 – Schnebly Rim			
Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
206-55	Develop an integrated road and trail system that provides nonmotorized and motorized access to scenic Rim view points; allows for scenic and wildlife viewing opportunities, hunting and camping access; and expands mountain biking and equestrian opportunities. Use existing low standard roads to the extent possible for this system.	Addressed in plan components and/or management approaches.	FW-RdsFac-DC-1, FW-Rec-Disp-DC-1, FW-Rec-Disp-DC-4, FW-Rec-Disp-DC-5, FW-Rec-Trails-DC-1, FW-Rec-Trails-DC-2, FW-Rec-Trails-DC-3, FW-Scenic-DC-1, FW-Scenic-DC-8, MA-RedRock-DC-1, MA-RedRock-DC-3, MA-RedRock-DC-8
206-55	Limit recreation activities to locations and times that do not conflict with wildlife goals.	Addressed in plan components and/or management approaches.	FW-Rec-All-G-1, FW-Rec-All-G-2, FW-WFP-G-3, FW-WFP-G-8, FW-WFP-MgtApp-F
206-55	Restrict camping along Schnebly Hill Road if needed to protect wildlife or watershed values. Consider the use of designated camping areas accessed from the road and provided with sanitation.	Addressed in plan components and/or management approaches.	FW-Rec-Disp-DC-2, FW-Rec-Disp-DC-3, FW-Rec-Disp-DC-4, FW-WFP-G-3, MA-RedRock-G-4
206-55	Provide a minimum of interpretation, education and orientation. Generally limit this information to visitor orientation, natural history and etiquette.	Addressed in plan components and/or management approaches.	FW-InterpEd-DC-1, FW-InterpEd-DC-2, FW-InterpEd-G-1
206-55	Provide visitor information on FR153 near I-17.	Addressed in plan components and/or management approaches.	FW-InterpEd-DC-2, FW-InterpEd-MgtApp-C

Management Area 29 - Transition

Management Area 29 - Transition			
Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
206-56	Ecosystem processes such as fire and flood play a natural role.	Addressed in plan components and/or management approaches.	FW-Eco-DC-1, FW-Eco-DC-2, FW-Eco-DC-3, FW-TerrERU-All-DC-2
206-56	Fire has a natural role. Prescribed fire is used to improve wildlife habitat; decrease fuel to natural levels; promote grass, forbs and shrub growth in a natural mosaic; and rejuvenate wildlife browse/forage.	Addressed in plan components and/or management approaches.	FW-Eco-DC-1, FW-Fire-DC-2, FW-Fire-G-2, FW-Fire-MgtApp-A, FW-TerrERU-All-DC-2, FW-TerrERU-All-MgtApp-A

Management Area 29 - Transition			
Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
206-56	Provide winter wildlife and resident habitat primarily for elk but also for white-tailed deer, mule deer and turkey.	Addressed in plan components and/or management approaches.	FW-Eco-DC-1, FW-WFP-DC-1, FW-WFP-DC-2, FW-WFP-DC-3, FW-WFP-DC-8
206-56	An unaltered, natural-appearing landscape predominates.	Addressed in plan components and/or management approaches.	FW-Scenic-DC-1, FW-Scenic-DC-2, FW-Scenic-G-1, MA-RedRock-DC-1, MA-RedRock-DC-10
206-56	Manage for a Semi-primitive ROS setting. This should generally be non-motorized except along the Casner Powerline Road where motor vehicles are allowed and where trailhead access provides parking and orientation to the area.	Addressed in plan components and/or management approaches.	FW-InterpEd-DC-2, MA-RedRock-DC-2, MA-RedRock-DC-3, MA-RedRock-DC-6, MA-RedRock-DC-7, MA-RedRock-S-2
206-56	Discourage heavy recreational use. Protect quiet, uncrowded characteristics.	Addressed in plan components and/or management approaches.	FW-Rec-All-DC-6, MA-RedRock-DC-2, MA-RedRock-DC-6, MA-RedRock-DC-7
206-56	Except for motor vehicle use along the Casner Powerline Road, management and public use is consistent with goals for Wilderness and provides a transitional experience. Provide opportunities for Primitive Non-motorized trail-oriented activities, including opportunities to enjoy the natural environment, quiet and to access Wilderness.	Addressed in plan components and/or management approaches.	FW-Rec-Trails-DC-7, MA-RedRock-DC-2, MA-RedRock-DC-3, MA-RedRock-DC-6, MA-RedRock-DC-7, MA-RedRock-S-2, SA-Wild-DC-1, SA-Wild-DC-6, SA-Wild-DC-8, SA-Wild-G-7
206-57	Emphasize foot, bike and horse trail use. De-emphasize motorized use due to the effects of noise on the opportunities for solitude and natural quiet and due to proximity to Wilderness.	Addressed in plan components and/or management approaches.	FW-Rec-All-DC-10, FW-Rec-All-G-1, FW-Rec-Disp-DC-1, FW-Rec-Trails-DC-5, FW-Rec-Trails-DC-7, MA-RedRock-DC-3, MA-RedRock-DC-6
206-57	Provide a trail connection to link Munds Canyon to the Mogollon Rim from Oak Creek.	Addressed in plan components and/or management approaches.	FW-Rec-Trails-DC-2, FW-Rec-Trails-O-1, MA-RedRock-DC-3
206-57	Design trails to discourage bicycle access into adjacent Wilderness and to otherwise minimize impacts on the Wilderness.	Addressed in plan components and/or management approaches.	SA-Wild-DC-6, SA-Wild-G-4, SA-Wild-G-5, SA-Wild-MgtApp-D
206-57	Allow four-wheel-drive use along the Casner Powerline access road through a special use permit system consistent with ROS goals for the Transition MA and adjacent Wilderness MA, wildlife objectives and soil protection and where such use does not interfere with APS powerline access needs.	Addressed in plan components and/or management approaches.	MA-RedRock-S-2

Management Area 29 - Transition			
Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
206-57	Camping and recreation fires are prohibited in Jacks Canyon Transition MA due to the proximity to Neighborwoods. Due to limited space, four-wheel-drive groups are not allowed to camp along the Casner Powerline Road between the two gates.	Addressed in plan components and/or management approaches.	MA-RedRock-G-4, MA-RedRock-S-3
206-57	Non-motorized ROS settings are the objective except for the Casner Powerline Road.	Addressed in plan components and/or management approaches.	FW-Rec-Trails-DC-7, MA-RedRock-DC-1, MA-RedRock-DC-2, MA-RedRock-DC-3, MA-RedRock-DC-6, MA-RedRock-DC-7, MA-RedRock-S-2
206-57	Do not permit commercial tours on the Casner Powerline Road.	Addressed in plan components and/or management approaches.	MA-RedRock-S-4
206-57	Continue to support Wilderness-dependent recreation opportunities, such as backpacking, horse packing and hunter guiding, where these activities are consistent with resource and WOS/ROS objectives.	Addressed in plan components and/or management approaches.	FW-Rec-All-DC-2, FW-Rec-All-DC-5, FW-Rec-All-G-1, FW-Rec-Disp-DC-1, FW-Rec-Disp-DC-5, MA-RedRock-DC-2, MA-RedRock-DC-7
206-57	Commercial tour activities should be limited to trails or sites designated for such use.	Addressed in plan components and/or management approaches.	FW-SpecUse-DC-8

Amendment 17 - Flagstaff-Lake Mary Planning Area

Amendment 17 – Flagstaff-Lake Mary Planning Area			
Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
206-62	There is a range of recreational setting opportunities for people to enjoy the area's many scenic and aesthetic qualities.	Addressed in plan components and/or management approaches.	FW-Rec-All-DC-2, FW-Rec-All-DC-4, FW-Scenic-DC-1
206-62	The diversity and quality of recreation opportunities, settings, and experiences are within acceptable limits of change to ecosystem stability and condition.	Addressed in plan components and/or management approaches.	FW-Rec-All-DC-6, FW-Rec-All-G-1, FW-Rec-All-G-2
206-62	Evidence of human activities and developments such as roads, trails, and facilities, is visually subordinate to the natural-appearing landscape.	Addressed in plan components and/or management approaches.	FW-Scenic-DC-2, FW-Scenic-DC-7

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Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
206-62	Encourage cooperation among community, landowners, other land management agencies, and local governments to maintain trails, natural scenery, and healthy landscapes in the Urban/Rural Influence Zone.	Addressed in plan components and/or management approaches.	FW-LndAdj-MgtApp-D, FW-Rec-Trails-MgtApp-D, FW-Scenic-MgtApp-B, FW-WUI-MgtApp-A
206-62	Refer to the Objectives for Recreation Opportunity Spectrum map for the FLEA Area map (Appendix M) for the desired recreation opportunities and experiences. This includes an increase in opportunities for Semi-primitive Non-motorized and Semi-primitive Motorized ROS experiences to better manage the high demand for this type of recreation setting.	Addressed in plan components and/or management approaches.	FW-Rec-All-DC-4, FW-Rec-All-DC-6
206-62	ROS objectives guide management.	Addressed in plan components and/or management approaches.	FW-Rec-All-DC-4, FW-Rec-All-G-1, FW-Rec-All-G-2, FW-Rec-Dev-DC-5, FW-Rec-Disp-DC-1, FW-Rec-Disp-G-2, FW-Rec-Trails-DC-3
206-62	Manage for social encounters, signing, scenery, and a sense of exploration that meets the ROS objectives.	Addressed in plan components and/or management approaches.	FW-InterpEd-DC-1, FW-Rec-All-DC-4, FW-Scenic-DC-1
206-62	Use ROS objectives to aid in determining appropriate types and numbers of individual, groups, outfitter/guides, and special uses.	Addressed in plan components and/or management approaches.	FW-Rec-All-DC-4, FW-Rec-All-DC-6, FW-SpecUse-DC-1
206-62	Manage recreation use to stay within the capacity for ROS objectives with the exception of holiday weekend use levels that may temporarily on a short-term basis exceed capacity in some locations, such as the Cinder Hills OHV MA.	Addressed in plan components and/or management approaches.	FW-Rec-All-DC-4, FW-Rec-All-DC-6, FW-Rec-All-G-2
206-62	Management activities should generally comply with the requirements of the adopted ROS classes on the Objectives for Recreation Opportunity Spectrum map.	Addressed in plan components and/or management approaches.	FW-Rec-All-DC-10, FW-Rec-All-DC-4, FW-Rec-All-DC-6, FW-Rec-All-G-1, FW-Rec-All-G-2, FW-Rec-Dev-DC-5, FW-Rec-Disp-DC-1, FW-Rec-Disp-G-2, FW-Rec-Trails-DC-3
206-62	Work towards a complete Scenery Management System (SMS) assessment	Addressed in plan components and/or management approaches.	FW-Scenic-DC-2
206-62	Regulations are known and enforced. Visitors are properly informed about services, facilities, regulations, and environmental ethics such as “Leave No Trace.”	Addressed in plan components and/or management approaches.	FW-InterpEd-DC-1, FW-InterpEd-DC-3, FW-InterpEd-DC-5, FW-InterpEd-MgtApp-B, FW-InterpEd-MgtApp-C, FW-RdsFac-G-3, FW-Rec-Disp-G-1

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Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
206-63	Agencies communicate and work together with local organizations to achieve goals. There is ongoing communication among community organizations, interest groups, and homeowner associations.	Addressed in plan components and/or management approaches.	MA-FlagN-MgtApp-B, MA-MtElden-MgtApp-B
206-63	Through a variety of interpretive efforts, people learn about biodiversity, ecosystem function, fire ecology, and riparian communities and will be motivated to practice careful stewardship.	Addressed in plan components and/or management approaches.	FW-InterpEd-DC-1, FW-InterpEd-DC-2
206-63	Implement and use “meaningful measures” * to manage for dispersed recreation and user satisfaction.	Addressed in plan components and/or management approaches.	FW-Rec-All-DC-1, FW-Rec-Disp-DC-1, FW-Rec-Disp-MgtApp-B
206-63	Dispersed campsites are maintained to protect forest resources and maintain visitor experience.	Addressed in plan components and/or management approaches.	FW-Rec-All-DC-4, FW-Rec-All-G-1, FW-Rec-All-G-2, FW-Rec-Disp-G-2
206-63	Impacts from dispersed camping do not result in unacceptable environmental impacts, interfere with day-use, or pose a threat to residents living next to National Forest lands.	Addressed in plan components and/or management approaches.	FW-Rec-All-DC-6, FW-Rec-All-G-1, FW-Rec-All-G-2, FW-Rec-Disp-DC-4
206-63	Implement the camping objectives outlined in the Objectives for Camping map. Emphasize daytime recreation activities in Urban/Rural Influence Zone. In portions of the FLEA area, change from general dispersed camping to designated dispersed camping only. Implement designated dispersed camping areas and any additional areas through subsequent site-specific analysis.	Reference to controlling authority not repeated in plan component, but proposed revised plan includes additional direction related to this topic.	MA-FlagN-DC-1
206-63	Inventory and monitor dispersed camping sites. This inventory will provide information about when sites should be closed and restored. The monitoring will provide information to help decide whether or not restored sites should be re-opened.	Addressed in plan components and/or management approaches.	FW-Rec-All-G-1, FW-Rec-All-G-2, FW-Rec-Disp-DC-4, FW-Rec-Disp-G-2, FW-Rec-Disp-S-1
206-63	When designating dispersed camping, consider existing resource damage, closeness to riparian communities, degree of use, and ROS objectives. Campsites should be identified as candidates for closure, restoration, or relocation. Campsites that are identified to remain open will become designated campsites.	Addressed in plan components and/or management approaches.	FW-Rec-All-G-1, FW-Rec-All-G-2, FW-Rec-Disp-DC-3, FW-Rec-Disp-G-5

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Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
206-64	Techniques for managing designated dispersed campsites include but are not limited to the following concepts, depending on site location and level of use. - In general, locate designated dispersed camping sites up to 300 feet off a forest road. - Designated campsites are identifiable by a marker, such as a sign or post. Some sites may be hardened and access improved. Allow camping within 50 to 100 feet of the marker on a first-come first-serve basis and once the sites are full the user would have to go to another area to camp. Site specific environmental analysis may yield a greater or lesser distance. - To protect sensitive natural resources, harden or close high-use recreation sites and initiate additional camping and campfire restrictions, depending on monitoring.	Addressed in plan components and/or management approaches.	FW-Rec-All-DC-6, FW-Rec-All-G-1, FW-Rec-All-G-2, FW-Rec-Disp-G-2, FW-Rec-Disp-G-5
206-64	Inform and enforce State regulations for no camping within ¼ mile of open water.	Addressed in plan components and/or management approaches.	FW-InterpEd-DC-3, FW-InterpEd-DC-5, FW-Rec-Disp-G-5, FW-Rip-All-G-3
206-64	Commercial activities are consistent with management area emphasis and ROS objectives.	Addressed in plan components and/or management approaches.	FW-SpecUse-DC-1, FW-SpecUse-G-1
206-64	Commercial activities support Forest Service goals and provide high quality outdoor recreation, interpretation, and education activities that complement the Forest Service mission.	Addressed in plan components and/or management approaches.	FW-SpecUse-DC-8, FW-SpecUse-G-1, FW-SpecUse-G-16
206-64	Special-use proposals are consistent with desired conditions. New applications for commercial use are approved based on the ability and willingness of the applicant to meet the goals of the Forest Plan.	Addressed in plan components and/or management approaches.	FW-SpecUse-G-1, FW-SpecUse-G-16
206-64	Manage outfitter/guide use to stay within capacities that meet ROS objectives.	Addressed in plan components and/or management approaches.	FW-SpecUse-DC-1, FW-SpecUse-DC-8, FW-SpecUse-G-17, FW-SpecUse-G-2
206-64	Award new outfitter/guide permits competitively by soliciting applications/proposals. In general, reject unsolicited proposals.	Addressed in plan components and/or management approaches.	FW-SpecUse-MgtApp-G
206-64	Make outfitter/guide permits available based on a suitable mix of guided and non-guided public capacity. This mix may vary by type of activity and/or season of use.	Addressed in plan components and/or management approaches.	FW-SpecUse-G-16, FW-SpecUse-G-17
206-64	Determine outfitter/guide service capacity for the FLEA area.	Addressed in plan components and/or management approaches.	FW-SpecUse-MgtApp-H

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Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
206-64	Review and adjust existing commercial uses to meet Forest Plan direction and ROS objectives.	Addressed in plan components and/or management approaches.	FW-SpecUse-DC-1, FW-SpecUse-DC-8, FW-SpecUse-G-1, FW-SpecUse-G-16, FW-SpecUse-G-17
206-65	The table below shows objectives for the number of social encounters within each of the ROS settings for Forest Service permitted commercial tour operators only. These objectives should apply to commercial tours. ROS Setting Social Encounters (All users) Roaded Natural No objective Semi-primitive Motorized 15 per day Semi-primitive Non-motorized 15 per day Primitive 6 per day	Addressed in plan components and/or management approaches.	FW-Rec-All-DC-4, FW-SpecUse-DC-1, FW-SpecUse-G-17
206-65	Use-level allocations will range from no allocation within some Primitive and Semi-primitive Non-motorized ROS areas to relatively high use allocations within some Roaded Natural areas. Other more site-specific resource concerns, such as the presence of significant archeological sites, threatened, endangered, or sensitive wildlife habitat, and areas with sensitive soils, will also influence outfitter/guide allocations.	Addressed in plan components and/or management approaches.	FW-SpecUse-DC-7, FW-SpecUse-DC-8, FW-SpecUse-G-1
206-65	Require current and future guiding (except hunting) to occur on Forest Service system roads and trails, or on designated routes mapped in an operating plan approved through an interdisciplinary analysis. In general, do not allow repetitive cross-country routes.	Addressed in plan components and/or management approaches.	FW-RdsFac-S-1, FW-Rec-Disp-S-1, FW-SpecUse-DC-1, FW-SpecUse-G-1
206-65	Generally, do not place additional outfitter/guide activities or group activities in the Mt. Elden/Dry Lake Hills Trail System, Pumphouse Wash, Deadman Wash, Walnut Canyon from Fisher Point east, any spring or perennial stream site, except in support of approved research and/or to improve safety or provide site rehabilitation.	Addressed in plan components and/or management approaches.	FW-SpecUse-DC-6, FW-SpecUse-G-15, FW-SpecUse-G-16, FW-SpecUse-G-17, FW-SpecUse-G-2, FW-SpecUse-G-3, FW-SpecUse-MgtApp-J, MA-MtElden-G-5
206-65	If current outfitter/guides cease operations and the activity is considered to be desirable after review, conduct a solicitation process for replacement.	Addressed in plan components and/or management approaches.	FW-SpecUse-MgtApp-G, FW-SpecUse-MgtApp-H
206-65	Before permitting outfitter/guides adjacent to National Monuments, contact the National Park Service for coordination. Outfitter/guides might also help meet the mission of the National Park Service in the National Monuments or on adjacent National Forest lands.	Addressed in plan components and/or management approaches.	FW-SpecUse-MgtApp-J

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Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
206-66	There are opportunities for environmentally responsible group uses of National Forest lands.	Addressed in plan components and/or management approaches.	FW-SpecUse-DC-9, FW-SpecUse-G-19, FW-SpecUse-O-1
206-66	Require one portable toilet (or equivalent) to be supplied by permittee for every 25 participants that stay overnight and one portable toilet (or equivalent) for every 50 people staying for the day in a publicized and/or organized event, except for group use sites that have permanent restroom facilities.	Addressed in plan components and/or management approaches.	FW-Rec-Dev-DC-3, FW-SpecUse-G-1
206-66	In general, large groups of 74 or less, such as family reunions, weddings, club gatherings, occur within ponderosa pine and mixed conifer areas on less than 40 percent slopes. Avoid placing large group events in riparian and open water areas, ponderosa pine and mixed conifer areas greater than 40 percent slope, and the interior of mountain meadows unless facilities already exist. Direct large groups to pre-determined areas where resource damage is less likely to occur.	Addressed in plan components and/or management approaches.	FW-Rec-Dev-DC-7, FW-SpecUse-DC-9, FW-SpecUse-G-19, FW-SpecUse-O-1
206-66	Inform and enforce State regulations for no camping within ¼ mile of open water.	Addressed in plan components and/or management approaches.	FW-InterpEd-DC-3, FW-InterpEd-DC-5, FW-Rec-Disp-G-5, FW-Rip-All-G-3
206-66	Other more site-specific resource concerns, such as the presence of significant archeological sites, threatened, endangered, or sensitive wildlife habitat, and areas with sensitive soils, will also influence group use allocations.	Addressed in plan components and/or management approaches.	FW-Hrtg-DC-1, FW-Rec-All-G-1, FW-Rec-All-G-2, FW-Rec-Dev-DC-7, FW-Soil-DC-1, FW-SpecUse-G-19, FW-WFP-DC-1, FW-WFP-DC-2
206-66	Evaluate sites used by groups and, based on monitoring results, implement appropriate group size adjustments.	Addressed in plan components and/or management approaches.	FW-Rec-All-G-2, FW-SpecUse-DC-9, FW-SpecUse-O-1
206-66	Rock climbing areas are managed and maintained for appropriate experience, natural settings, attributes, and conditions, considering ROS objectives, wildlife, heritage, and soil and water resources.	Addressed in plan components and/or management approaches.	FW-Rec-All-DC-4, FW-Rec-All-DC-6, FW-Rec-All-G-1, FW-Rec-All-G-2, FW-Rec-All-MgtApp-A, FW-Rec-Disp-MgtApp-B
206-66	Rock climbing opportunities are provided, while protecting sensitive resources from unacceptable impacts.	Addressed in plan components and/or management approaches.	FW-Rec-All-DC-2, FW-Rec-All-G-1, FW-Rec-Disp-DC-1, FW-Rec-Disp-DC-3
206-66	Rock climbing areas are managed in partnership with local rock climbers, climbing organizations, and outdoor recreationists.	Addressed in plan components and/or management approaches.	FW-Rec-All-MgtApp-A, FW-Rec-Disp-MgtApp-A, FW-Rec-Disp-MgtApp-B

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Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
206-67	Complete a management plan specific to rock climbing to tier from the Forest Plan. Climbing policy in the Forest Plan may be amended if the development of the climbing plan demonstrates the need.	Addressed in plan components and/or management approaches.	FW-Rec-Disp-MgtApp-B
206-67	The climbing plan will include, but is not limited to: - Existing and new climbing routes - Climbing implementation schedule identifying funding priorities for climbing management - Closure measures when needed for threatened, endangered, and sensitive (TE&S) plants and animals and cultural resources - Schedules for Limits of Acceptable Change (LAC) or other management strategies when needed - Monitoring	Addressed in plan components and/or management approaches.	FW-Hrtg-DC-1, FW-Rec-All-DC-4, FW-Rec-All-G-1, FW-Rec-All-G-2, FW-Rec-Disp-DC-3, FW-Rec-Disp-MgtApp-B, FW-WFP-G-8, FW-WFP-S-2
206-67	Develop or realign trails into climbing areas as appropriate to provide for public safety and resource protection.	Addressed in plan components and/or management approaches.	FW-Rec-All-G-2, FW-Rec-Trails-DC-11, FW-Rec-Trails-DC-3, FW-Rec-Trails-G-1
206-67	Inventory rock climbing areas to determine their resources, conditions, and significance. Upon evaluation, some other sites may receive short-term, long-term, or seasonal closures to climbing to limit disturbance to threatened, endangered, or sensitive species. Restrictions will be used on a case-by-case basis as determined necessary by wildlife biologists in consultation with U.S. Fish and Wildlife Service where appropriate.	Addressed in plan components and/or management approaches.	FW-Rec-All-G-1, FW-WFP-G-8, FW-WFP-MgtApp-F, FW-WFP-S-2
206-67	Restrict human activities within approximately one-half (½) mile of occupied peregrine falcon nest sites March 1st through August 15th. The ½ mile protection distance may vary depending on local topography, potential for disturbance, and location of important habitat components. Monitor peregrine nesting success to determine if restrictions are effective.	Addressed in plan components and/or management approaches.	FW-Rec-All-G-1, FW-WFP-G-8, FW-WFP-MgtApp-F
206-67	Restrict human activities where active raptor nests are located. Species potentially impacted include the golden eagle, prairie falcon, Mexican spotted owl, and zone-tailed hawk. Protection distance will vary depending on the species, local topography, potential for disturbance, and breeding season for the species. Raptor surveys will be completed on site specific areas to determine protection distance.	Addressed in plan components and/or management approaches.	FW-Rec-All-G-1, FW-WFP-G-8, FW-WFP-MgtApp-F, FW-WFP-S-2
206-67	Provide interpretive information and education on climbing ethics, and resource protection through the use of brochures, signs, visitor contacts, and information stations.	Addressed in plan components and/or management approaches.	FW-InterpEd-DC-1, FW-InterpEd-DC-2, FW-InterpEd-DC-3, FW-InterpEd-DC-4, FW-InterpEd-DC-6, FW-InterpEd-G-1

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206-67	There are opportunities for a variety of trail experiences and challenges that are consistent with protection of sensitive resources, meet the needs of a diverse public, emphasize the natural environment, and meet ROS objectives.	Addressed in plan components and/or management approaches.	FW-Rec-Trails-DC-1, FW-Rec-Trails-DC-2, FW-Rec-Trails-DC-3, FW-Rec-Trails-G-1
206-67	Non-motorized and motorized trail opportunities provide a variety of challenges and experiences and meet ROS objectives.	Addressed in plan components and/or management approaches.	FW-Rec-Trails-DC-2, FW-Rec-Trails-DC-3
206-68	There is a network of trails linked to other trail systems, such as City and County trail systems.	Addressed in plan components and/or management approaches.	FW-Rec-Trails-DC-1, MA-FlagN-DC-2, MA-FlagN-O-1
206-68	The Urban/Rural Influence Zone is actively managed to provide opportunities and lessen environmental impacts.	Addressed in plan components and/or management approaches.	FW-Rec-All-DC-2, FW-Rec-All-DC-4, FW-Rec-All-G-1, FW-Rec-Trails-DC-1, FW-Rec-Trails-DC-4, FW-Rec-Trails-G-1
206-68	Trailheads are located in popular areas and provide adequate parking, signs, restroom facilities, public education, and resource management.	Addressed in plan components and/or management approaches.	FW-InterpEd-DC-2, FW-Rec-All-G-2, FW-Rec-All-G-4, FW-Rec-All-G-5, FW-Rec-Disp-DC-3, MA-MtElden-G-1, MA-Walnut-DC-1
206-68	Discourage proliferation of unneeded trails by 1) public education, 2) providing well-defined trails that encourage people to stay on designated routes, 3) designing trails that provide a reasonable degree of access, 4) installing trail markers and defining trail edges, 5) providing orientation maps, and 6) obliterating social trails that duplicate system trails and/or cause resource damage.	Addressed in plan components and/or management approaches.	FW-InterpEd-DC-1, FW-InterpEd-DC-3, FW-Rec-Trails-DC-1, FW-Rec-Trails-DC-11, FW-Rec-Trails-G-1, FW-Rec-Trails-G-3
206-68	Relocate existing trails as necessary to protect resources.	Addressed in plan components and/or management approaches.	FW-Rec-Trails-G-1
206-68	For areas outside of the Urban/Rural Influence Zone, develop a primary system of trails and obliterate all trails outside of the primary system. New unplanned trails are also obliterated if they occur.	Addressed in plan components and/or management approaches.	FW-Rec-Trails-DC-1, FW-Rec-Trails-G-3, FW-Rec-Trails-O-1

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206-68	For areas within the Urban/Rural Influence Zone, create a primary trail system that serves as a collector for trails that originate in neighborhoods. In areas outside of the primary system, evaluate user-created (social) trail systems based on a checklist of criteria and in coordination with the nearby community. The criteria are similar to those listed for road management. Meet interested people around Flagstaff to develop site-specific trail plans. Focus trail planning first in areas with resource concerns, where high user conflicts occur, or in conjunction with other resource management activities.	Addressed in plan components and/or management approaches.	FW-Rec-Trails-DC-1, FW-Rec-Trails-G-1, FW-Rec-Trails-G-3, FW-Rec-Trails-MgtApp-C, MA-FlagN-DC-2
206-68	Connect Forest Service trails to community access points, and use existing social trails where they make sense. Forest Service trail access points must be accessible by the public, which means no exclusive neighborhood entryways. Work with planning and zoning and developers while building plans are still under development. Some trails may provide special needs access.	Addressed in plan components and/or management approaches.	FW-Rec-All-DC-3, FW-Rec-Trails-DC-1, FW-Rec-Trails-DC-2, FW-Rec-Trails-MgtApp-F, MA-FlagN-DC-2
206-68	Where social trails occur within Mexican spotted owl Protected Activity Centers (MSO PACs), delineate a system trail that provides for recreation use and lessens impacts to MSOs. Close and re-vegetate non-system trails in PACs not used for the designated trail.	Addressed in plan components and/or management approaches.	FW-Rec-Trails-G-1, FW-Rec-Trails-G-3, FW-WFP-G-3
206-68	Provide information and education about the shift in emphasis to more active trail management within the Urban/Rural Influence Zone.	Addressed in plan components and/or management approaches.	FW-InterpEd-DC-3, FW-InterpEd-G-2, FW-InterpEd-G-3
206-69	Inventory both Forest Service system trails and non-system trails and identify their desired maintenance levels. Track both motorized and non-motorized trail routes.	Addressed in plan components and/or management approaches.	FW-Rec-Trails-DC-1, FW-Rec-Trails-DC-3
206-69	Use the ROS Objectives to match trail experiences with ROS objectives.	Addressed in plan components and/or management approaches.	FW-Rec-All-DC-4, FW-Rec-Trails-DC-3
206-69	Develop or realign trails accessing climbing locations to well-engineered design that maintains resources.	Addressed in plan components and/or management approaches.	FW-Rec-All-G-1, FW-Rec-Trails-G-1
206-69	Coordinate with State, County, and communities park departments to connect Forest trails with parks and green-belt corridors, when it is mutually beneficial, provides better public service and development is compatible with other resource management.	Addressed in plan components and/or management approaches.	FW-Rec-Trails-MgtApp-C, FW-Rec-Trails-MgtApp-E

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206-69	Outside of the Cinder Hills OHV area, motorized trails provide semi-primitive motorized experiences with connections to long distance opportunities. There are connections from communities to the secondary road system where feasible. Where community access is lacking, there are areas to trailer OHVs and park.	Addressed in plan components and/or management approaches.	FW-Rec-Trails-DC-10, FW-Rec-Trails-DC-7, FW-Rec-Trails-DC-8, FW-Rec-Trails-G-6
206-69	Identify some motorized trail routes.	Addressed in plan components and/or management approaches.	FW-Rec-Disp-S-1, FW-Rec-Trails-DC-6, FW-Rec-Trails-MgtApp-C
206-69	Motorized trail opportunities provide long distance connections and meet ROS objectives. Evaluate trails based on the criteria for roads, access, recreation opportunity, and public input.	Addressed in plan components and/or management approaches.	FW-Rec-Trails-DC-3, FW-Rec-Trails-DC-8, FW-Rec-Trails-MgtApp-C
206-69	Convert some roads that are not needed for the road system into motorized trails and decrease to a width suitable for ATV's. Motorized trails will promote Semi-primitive Motorized experiences for individuals and small groups. Allow large group events or races on a case-by-case basis. Motorized trails are well engineered to avoid impacts. Some level II roads (high clearance vehicle use) may be used for portions of motorized trail routes.	Addressed in plan components and/or management approaches.	FW-Rec-Trails-DC-3, FW-Rec-Trails-DC-7, FW-Rec-Trails-G-1, FW-Rec-Trails-G-5, FW-SpecUse-DC-8
206-69	Where possible, within the Urban/Rural Influence Zone, provide pass through corridors for vehicles and ATV/motorcycles that lead to separate motorized trails or to the secondary forest road system. Do not provide for unlicensed riders on 50-inch trails if the trails only lead them onto roads where it is illegal to ride. Coordinate trail locations near communities with local agencies and governments.	Addressed in plan components and/or management approaches.	FW-Rec-Trails-DC-3, FW-Rec-Trails-G-6, FW-Rec-Trails-MgtApp-C, MA-FlagN-DC-5
206-69	Developments such as roads, trails, camping, day-use sites, and trailheads mimic local materials and landscape characteristics to blend with the adjacent natural-appearing landscape.	Addressed in plan components and/or management approaches.	FW-RdsFac-G-10, FW-Scenic-DC-2, FW-Scenic-DC-7, FW-Scenic-DC-8
206-70	Management activities, such as thinning and prescribed fire, result over the long-term, in alterations that appear natural to most visitors.	Addressed in plan components and/or management approaches.	FW-Scenic-DC-1, FW-Scenic-DC-10, FW-Scenic-DC-4, FW-Scenic-G-1, FW-Scenic-G-2, FW-Scenic-G-3, FW-Scenic-G-4
206-70	Provide fast clean-up from management activities and limit short-term visual impacts (1 to 3 years), while meeting fire potential reduction needs, design thinning for long-term scenic quality adjacent to homes and along major highways or near developed recreation sites.	Addressed in plan components and/or management approaches.	FW-Scenic-DC-4, FW-Scenic-G-1, FW-Scenic-G-2, FW-Scenic-G-3, FW-WUI-DC-4

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206-70	Consider impacts to viewsheds of the three National Monuments, the Sunset Crater Volcano- Wupatki Scenic Loop Road (FR 545) and the Walnut Canyon entrance road (FR 622) and coordinate with Park Service personnel when designing or approving projects in these viewsheds.	Addressed in plan components and/or management approaches.	FW-Scenic-MgtApp-B
206-70	State Highways 89A, 89, 180, and Lake Mary Road (FH3) provide a high-quality scenic experience. Provide input to ADOT and Coconino County, as appropriate, that highway improvements and maintenance should blend with existing natural appearing features except when there are safety concerns that cannot be mitigated. Provide input to ADOT and Coconino County to minimize the relative dominance of these highways to the extent possible/practical.	Addressed in plan components and/or management approaches.	FW-Scenic-DC-9, FW-Scenic-MgtApp-B, SA-ScenicRds-DC-1, SA-ScenicRds-DC-4, SA-ScenicRds-G-1, SA-ScenicRds-G-3
206-70	Road conditions and the miles of road should meet ROS objectives as displayed on the Objectives for Recreation Opportunity Spectrum map.	Addressed in plan components and/or management approaches.	FW-RdsFac-DC-2, FW-RdsFac-G-1, FW-RdsFac-G-4
206-70	The road system provides ample access and concentrates use on a well-designed road system, and maintains unroaded areas in between.	Addressed in plan components and/or management approaches.	FW-RdsFac-DC-1, FW-RdsFac-DC-4, FW-RdsFac-S-1
206-70	Reasons for closure or obliteration may include, but are not limited to, one or more of the following criteria: - Soils that are receiving, or are expected to receive, damage to the extent that soil productivity is or will be significantly impaired - Slopes exceeding 40 percent where high probability for damage exists - Riparian areas currently threatened or damaged - Meadows likely to be or being damaged	Addressed in plan components and/or management approaches.	FW-RdsFac-DC-1, FW-RdsFac-G-1, FW-RdsFac-G-2, FW-RdsFac-G-5, FW-RdsFac-MgtApp-J, FW-RdsFac-S-1

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206-71	Reasons for closure or obliteration may include, but are not limited to, one or more of the following criteria (continued): - Poorly designed or maintained roads connected or adjacent to stream courses where potential for increased runoff and sedimentation is high - Roads within stream courses or wetlands (permanently or intermittently wet) reducing hydrologic function - Visual Quality Objectives (VQO) of Preservation, Retention, or Partial Retention are jeopardized - Areas of important cultural resource sites vulnerable to damage that are being threatened or damaged - Tree plantations less than 10 years old likely to be damaged - Habitat for threatened, endangered, or sensitive species that is threatened - Key wildlife areas being threatened or damaged - Areas important to wildlife reproductions such as fawning or nesting areas, where disturbance is causing, or likely to cause, significant stress and reduction of reproductive success - Areas within designated municipal watersheds - Areas where user conflict must be resolved to ensure public safety - Areas considered dangerous for winter off-road driving activities - Areas within urban or rural residential influenced zones outside of designated motorized routes - Semi-primitive Non-motorized ROS objectives as set through environmental analysis. See Objectives for Recreation Opportunity Spectrum map for the FLEA area in Appendix M. - Semi-primitive motorized ROS objectives as set through environmental analysis. See Objectives for Recreation Opportunity Spectrum map for the FLEA area in Appendix M - Roads where the level of use or maintenance thereof causes adverse levels of noise affecting wildlife or recreational experiences - Areas where the road system modifies the surface and subsurface hydrology - Roads, which cause the introduction or spread of exotic plant species, insects, diseases, and parasites - Redundant roads - Roads that foster illegal human activities - Roads that contribute to the airborne dust emissions, which result in adverse human health concerns - Roads that adversely affect the agency's direct costs, meaning there are more miles than we can afford to maintain - Roads that contribute to incidents of high fire starts	Addressed in plan components and/or management approaches.	FW-RdsFac-DC-1, FW-RdsFac-G-1, FW-RdsFac-G-2, FW-RdsFac-G-5, FW-RdsFac-MgtApp-J, FW-RdsFac-S-1

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206-72	Reasons for maintaining roads open may include, but are not limited to one or more of the following criteria: - Roads that aid in the Agency's enforcement of laws and policies - Roads required for access to treatment areas, range improvements, utilities, or minerals - Roads that connect large blocks of land in other ownership - Roads that provide access for fire suppression vehicles - Roads that provide access to recreation use sites or areas - Roads that provide access needs for research, inventory, and monitoring - Roads necessary to meet peoples' needs and values for roads, such as Native Americans to gather traditional plants and access to traditional sites - Roads necessary to manage special use sites - Roads necessary to connect public roads - Roads that if closed, would have an adverse impact on communities' social and economic health	Addressed in plan components and/or management approaches.	FW-RdsFac-DC-1, FW-RdsFac-S-1, FW-SpecUse-G-12
206-72	Consider manageability as an important criterion when establishing boundaries of areas with restrictions and determining which roads will be open and maintained.	Addressed in plan components and/or management approaches.	FW-RdsFac-DC-1, FW-RdsFac-DC-5, FW-RdsFac-G-1, FW-RdsFac-G-3, FW-RdsFac-S-1, FW-Rec-Disp-G-1
206-72	Keep the Pinegrove Seasonal Closure Area closed to vehicle access between August 15 and December 31.	Addressed in plan components and/or management approaches.	MA-PineBelt-DC-5, MA-PineBelt-S-1
206-72	Conduct obliteration and re-vegetation work as funds become available. When choosing areas to conduct road maintenance and obliteration, focus efforts in Semi-primitive Motorized and Semi-primitive Non-motorized areas. Of the Semi-primitive Motorized and Semi-primitive Non-motorized areas, consider the Lake Mary and Oak Creek Watersheds as priorities for water quality reasons. Also focus work adjacent to the National Monuments.	Addressed in plan components and/or management approaches.	FW-RdsFac-DC-4, FW-RdsFac-G-4, FW-RdsFac-G-6, FW-RdsFac-MgtApp-A, FW-RdsFac-MgtApp-C
206-72	Habitats support diverse, healthy populations of native plants and animals. A natural variety of plant species, age classes, and structures are present.	Addressed in plan components and/or management approaches.	FW-Eco-DC-1, FW-WFP-DC-1, FW-WFP-DC-3, FW-WFP-DC-4, FW-WFP-DC-5
206-72	The impacts of non-native plant and animal species are controlled and the introduction and maintenance of undesirable non-natives is discouraged.	Addressed in plan components and/or management approaches.	FW-Invas-DC-1, FW-Invas-DC-2, FW-Invas-G-1, FW-Invas-G-2
206-72	Threatened, endangered, sensitive, and management indicator species are maintained or recovering in the majority of the habitat.	Addressed in plan components and/or management approaches.	FW-WFP-DC-2, FW-WFP-G-1, FW-WFP-G-2, FW-WFP-G-3

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206-73	Maintain wildlife travelways to help animals travel between summer and winter ranges, feeding and nesting areas, maternity areas, and dispersal areas. Travelways help ensure genetic mixing necessary for healthy populations.	Addressed in plan components and/or management approaches.	FW-WFP-DC-6, FW-WFP-G-6
206-73	Do not identify target threshold stands within the Urban/Rural Influence Zone. The allocation of target threshold habitat within the Lake Mary Watershed and Shultz Management Areas would better provide for long-term management of roost/nest habitat for the Mexican spotted owl. Approximately 26 percent of the Shultz Management Area and 11 percent of the Lake Mary Watershed should be managed for target-threshold conditions in the future, due to not allocating target threshold conditions in the URIZ.	Addressed in plan components and/or management approaches.	FW-WFP-G-1, FW-WFP-G-2
206-73	Within the FLEA area, survey habitat that potentially could be used for nesting, roosting, or breeding, and is within ½ mile of a proposed site-specific project boundary.	Addressed in plan components and/or management approaches.	FW-WFP-G-1, FW-WFP-G-2
206-73	In the Urban/Rural Influence Zone, where possible, limit human activities within the 30-acre goshawk nest stand during the breeding season. In general however, do not curtail human activity such as informal dispersed recreation activities within the Post Fledging Family Areas (PFA). Social trails are likely to occur within portions of PFA's in the urban and rural influenced areas. Locate Forest Service system trails to avoid nest sites within PFA's, within the Urban/Rural Influence Zone. Emphasize the need to control pets on Forest Service system trails through education and enforcement.	Addressed in plan components and/or management approaches.	FW-InterpEd-DC-1, FW-InterpEd-DC-3, FW-InterpEd-DC-4, FW-Rec-Trails-DC-4, FW-Rec-Trails-G-1, FW-WFP-G-2, FW-WFP-G-8, FW-WFP-MgtApp-F
206-73	Bald eagle winter roosts and perch habitat will be evaluated for long-term viability. Silvicultural methods that encourage regeneration and growth of desirable trees may be used near roost sites. Groves of trees may be maintained to provide screening for roost and perch areas. Silvicultural practices will result in the growth of large diameter trees with open crowns in multi-layered stands. Prescribed fires to improve and protect roost areas may be used with effective protection of large trees and snags.	Addressed in plan components and/or management approaches.	FW-Fire-G-2, FW-Fire-MgtApp-A, FW-Fprod-DC-2, FW-Fprod-G-1, FW-TerrERU-All-G-1, FW-WFP-DC-2, FW-WFP-G-2, FW-WFP-G-3, FW-WFP-G-9
206-73	Human activities will be managed so that disturbance does not interfere with the eagles' ability to use the site.	Addressed in plan components and/or management approaches.	FW-Rec-All-G-1, FW-WFP-G-3, FW-WFP-G-8, FW-WFP-MgtApp-F

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206-73	Seek opportunities to add to our base of knowledge about human disturbance to T&E species. This could be a variety of methods that could include but are not limited to, monitoring, survey of habitat, survey of recreation uses, or trail counters. Consider options to gather information when planning, or implementing, or monitoring site-specific projects, or approving special uses or outfitter guides. Consider partnership opportunities with organizations or agencies to gather information outside of site-specific project planning. A variety of methods could be used to gather information including, but not limited to, monitoring, survey of habitat, survey of recreation uses, or trail counters. Share results and data among resource personnel and line officers for consideration in future projects with wildlife biologists and recreation staff to incorporate lessons learned into the next project. If analysis shows a need, management changes that could include, but are not limited to, relocating roads or trails, limiting season of use, designating types of activities, or reducing numbers of users could result if analysis shows a need.	Addressed in plan components and/or management approaches.	FW-WFP-MgtApp-A, FW-WFP-MgtApp-B, FW-WFP-MgtApp-E
206-74	In the FLEA area there are a few parcels desirable for the Forest Service to acquire. If a willing property owner comes forward entertain a land exchange or land acquisition. Desirable parcels are a ¼ section of private land in the Dry Lake Hills and there are some isolated, undeveloped parcels in the Lake Mary Watershed.	Addressed in plan components and/or management approaches.	FW-LndAdj-DC-1, FW-LndAdj-G-1
206-74	In addition, there are Arizona State Trust Lands that are desirable to retain as natural landscape. Coordinate the identification of these parcels with the city and the county planning processes. Look for avenues to purchase if the State is a willing seller. Should land exchange authority be granted to the State, consider land exchanges as well.	Addressed in plan components and/or management approaches.	FW-LndAdj-DC-1, FW-LndAdj-G-1

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206-74	Lands offered by the United States in a land exchange are tentatively classified as base-in-exchange. Currently, the Forest has 21,133 acres classified as base-in-exchange. Because local and physical conditions may change during the life of this plan, other lands may be considered for exchange. They will generally meet one or more of the following criteria:* - Lands needed to meet the needs of expanding communities; - Isolated tracts or scattered parcels that cannot be efficiently managed; - Lands that provide consolidation of the public lands; - Lands that will improve management, benefit specific resources, or increase management efficiency; - Lands that are necessary to meet overriding local, regional, and national public needs; - Lands within the boundaries of incorporated communities or annexed thereto or land within locally approved growth management boundaries; - Review base-in-exchange plans when private land uses change from wildland and undeveloped uses towards more intensive uses.	Addressed in plan components and/or management approaches.	FW-LndAdj-DC-1, FW-LndAdj-G-2
206-74	If lands do not meet one or more the above criteria they should not be used as base-for-exchange lands. Because change occurs over time, re-visit the base-for-exchange criteria and map periodically and make adjustments based on new information such as updated City and County plans (examples are the Regional Land Use and Transportation Plan, and the Flagstaff Area Open Spaces and Greenways Plan). Consult with the Coconino County and City of Flagstaff about land adjustment proposals we plan to take forward into NEPA. Public input on land exchange occurs at the time a site-specific land exchange is proposed.	Addressed in plan components and/or management approaches.	FW-LndAdj-G-2, FW-LndAdj-MgtApp-A, FW-LndAdj-MgtApp-C
206-75	Grass, forbs, and shrubs on the forest floor contribute to biological diversity of the ponderosa pine forest.	Addressed in plan components and/or management approaches.	FW-Eco-DC-1, FW-TerrERU-PP-DC-1, FW-TerrERU-PP-DC-2, FW-WFP-DC-1, FW-WFP-DC-2, FW-WFP-DC-5
206-75	Fire should continue to play a natural ecological role within the constraints of human health and safety.	Addressed in plan components and/or management approaches.	FW-Fire-DC-1, FW-Fire-DC-2, FW-Fire-DC-3, FW-Fire-G-2, FW-TerrERU-All-G-2, FW-WUI-DC-1, FW-WUI-DC-2
206-75	The risk of and potential for destructive crown wildfire is reduced, especially in the Urban/Rural Influence Zone (U/RIZ) and the Wildland Urban Interface (1U) as depicted on the Fire Management Analysis Zones map.	Addressed in plan components and/or management approaches.	FW-Fire-DC-2, FW-WUI-DC-3, FW-WUI-DC-6

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206-75	Forest product removal (of any kind) is designed to maintain or restore ecosystem health and desired conditions. The use of National Forest land products, are primarily a means for achieving ecosystem management objectives.	Addressed in plan components and/or management approaches.	FW-Fprod-DC-1, FW-Fprod-DC-2, FW-Fprod-G-1, FW-Fprod-G-2, FW-TerrERU-All-G-1
206-75	Reduce crown canopy and ladder fuels where needed to reduce risk of stand replacing crown fires.	Addressed in plan components and/or management approaches.	FW-Eco-DC-3, FW-Fire-DC-2, FW-Fire-G-2, FW-WUI-DC-2, FW-WUI-G-1
206-75	Reduce competition between closely spaced trees in some areas, to promote future large trees faster and to achieve desired tree sizes and canopy closures outlined in the Forest Plan (Mexican spotted owl and northern goshawk habitat guidelines). The parameters within which treatments should be designed are to be relatively assured that the future forest structure outlined in the goshawk guides is not precluded. No single treatment prescription is proposed. Examples of possible prescriptions include but are not limited to restoration models, uneven age models, even-age shelterwood, understory thinning, and prescribed fire.	Addressed in plan components and/or management approaches.	FW-TerrERU-All-DC-2, FW-TerrERU-All-S-2, FW-TerrERU-MC-MCFF-DC-6, FW-TerrERU-MC-MCIF-DC-6, FW-TerrERU-PP-DC-12, FW-TerrERU-PP-DC-8, FW-WFP-G-2, FW-WFP-S-1
206-75	Reduce competition between closely spaced trees in some areas to promote health and resistance to insects and disease.	Addressed in plan components and/or management approaches.	FW-TerrERU-All-DC-2, FW-TerrERU-All-G-1, FW-TerrERU-All-S-2
206-75	Incorporate measures to control non-native and invasive plants into project design.	Addressed in plan components and/or management approaches.	FW-Invas-G-1
206-75	Maintain connected patches of denser vegetation that, along with topography, provide travel corridors for wildlife to move through the FLEA area. Maintain the two corridors that occur in the Urban/Rural Influence Zone. They are in the vicinity of A1 Mountain/Fort Valley, Naval Observatory, and along the Rio de Flag.	Addressed in plan components and/or management approaches.	FW-WFP-DC-6, FW-WFP-G-6
206-75	When designing treatment consider landowner wishes within the 150-foot area immediately adjacent to private land. Within the 150-foot area, more trees may be left based on landowner input.	Addressed in plan components and/or management approaches.	FW-Scenic-MgtApp-B, FW-WUI-DC-1, FW-WUI-DC-2, FW-WUI-G-1, FW-WUI-MgtApp-A, MA-FlagN-MgtApp-A
206-76	Where appropriate, design projects to accomplish fuels reduction and maintenance on cultural resource sites.	Addressed in plan components and/or management approaches.	FW-Fire-G-1, FW-Hrtg-G-3, FW-WUI-DC-3, FW-WUI-G-1

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Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
206-76	Within the Urban/Rural Influence Zone, and in the Wildland Urban Interface (1U) as depicted on the Fire Management Analysis Zones map, do not apply the hiding and thermal cover guideline that requires 30 percent cover within a 10K Block.	Addressed in plan components and/or management approaches.	FW-WUI-DC-3, FW-WUI-DC-6, FW-WUI-G-1
206-76	Distribute wildlife cover where needed within the FMAZ 1U without accruing unacceptable wildfire threat to nearby neighborhoods. Wherever possible, projects should retain cover conditions within wildlife travelways, MSO protected activity centers (PAC's), along canyon rims, and on steeper slopes. Projects within the FMAZ 1U, should attempt to retain 15 percent cover within a given section.	Addressed in plan components and/or management approaches.	FW-WUI-DC-10
206-76	Dense stand conditions on steep slopes and within MSO PAC's contribute to the targeted 15 percent cover condition. Cover conditions might exceed 15 percent per section due to the presence of steeper slopes or MSO PAC's. In the absence of steep slopes or MSO PAC'S site-specific projects could retain a maximum of 15 percent cover condition to maintain a wildlife travelway through a section. Projects do not have to retain cover conditions of 15 percent, if a given section poses a high fire hazard to nearby neighborhoods	Addressed in plan components and/or management approaches.	FW-WFP-G-1, FW-WFP-G-2, FW-WFP-G-3, FW-WFP-MgtApp-A, FW-WFP-MgtApp-E, FW-WFP-S-1, FW-WUI-G-1
206-76	The impacts of non-native plant and animal species are controlled and introduction of new non-natives is discouraged.	Addressed in plan components and/or management approaches.	FW-Invas-DC-1, FW-Invas-G-1
206-76	Refer to and follow the Noxious Weeds Strategic Plan Working Guidelines, Coconino, Kaibab and Prescott National Forests when implementing projects in for the FLEA area. This strategy lists "best known practices" for non-native and invasive plant control. This strategy is twofold: control or remove existing plants and take steps to lessen the spread of non-native and invasive weeds. This is especially important in the FLEA area, because of the major highways and roadways which provide corridors for plants to spread, and because many of the non-native and invasive weed species have the opportunity to increase after ground disturbing activities such as thinning, prescribed fire, and road obliteration	Addressed in plan components and/or management approaches.	FW-Invas-G-2
206-76	Assist in maintaining a database of non-native and invasive plant populations in cooperation with the USGS. Much of the FLEA area has yet to be surveyed and this should occur as part of project planning and implementation.	Addressed in plan components and/or management approaches.	FW-Invas-MgtApp-A
206-76	The location and type of species varies over time and place. Some species are mentioned in some of the Management Area descriptions, but additional species may be present within other Management Areas as well.	Addressed in plan components and/or management approaches.	FW-Invas-DC-1

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Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
206-77	The biological, physical, and human elements of the landscape sustain ecological processes, functions, and structures appropriate to the FLEA Area ecosystem. Natural disturbance patterns are conserved or restored consistent with human health and safety. Natural elements of the landscape are restored and protected.	Addressed in plan components and/or management approaches.	FW-Eco-DC-1, FW-Eco-DC-2, FW-TerrERU-All-DC-2
206-77	Soil function and long-term productivity are sustained so that the soil can resist erosion, recycle nutrients, and absorb water.	Addressed in plan components and/or management approaches.	FW-Soil-DC-1, FW-Soil-DC-2
206-77	Natural vegetative and fuels composition area restored so as to reduce susceptibility to largescale watershed disturbances, such as large catastrophic wildfire.	Addressed in plan components and/or management approaches.	FW-Eco-DC-1, FW-Eco-DC-3, FW-TerrERU-All-DC-2, FW-Water-G-1, FW-Water-G-2, FW-Water-G-4
206-77	The Lake Mary watershed is a high priority for watershed restoration and maintenance from an ecological and socio-economical standpoint. Upper and Lower Lake Mary are important municipal water sources for the City of Flagstaff.	Addressed in plan components and/or management approaches.	FW-Water-G-2, FW-Water-MgtApp-C, MA-LkMary-DC-1, MA-LkMary-G-1, MA-LkMary-G-2
206-77	Implement actions to ensure that water quality, and timing support domestic surface water supply needs. Specific items include: to improve wildlife and livestock grazing strategies, provide stream channel stabilization, construct proper drainage and perform maintenance on roads, relocate roads from meadows and other sensitive areas, obliterate unnecessary roads and manage recreation in a way that supports domestic surface water supply needs.	Addressed in plan components and/or management approaches.	FW-Graz-DC-2, FW-Graz-G-2, FW-Graz-G-7, FW-Graz-MgtApp-A, FW-Graz-MgtApp-B, FW-RdsFac-G-1, FW-RdsFac-G-2, FW-RdsFac-G-5, FW-Rip-Strm-G-1, FW-Water-G-1, FW-Water-G-2, FW-Water-G-4, MA-LkMary-G-1, MA-LkMary-G-2
206-77	Implement actions to restore a natural vegetative and fuels composition, and ensure that soil condition objectives are met on a landscape scale to reduce susceptibility of large-scale watershed disturbances, such as a large catastrophic fire or insect/disease outbreak.	Addressed in plan components and/or management approaches.	FW-TerrERU-All-G-1, FW-TerrERU-MC-MCFF-O-1, FW-TerrERU-MC-MCFF-O-2, FW-TerrERU-MC-MCFF-O-3, FW-TerrERU-PP-O-1, FW-TerrERU-PP-O-2, FW-TerrERU-PP-O-3, FW-Water-MgtApp-B, FW-Water-MgtApp-C
206-77	When implementing site-specific projects, choose Best Management Practices consistent with municipal values and this plan.	Addressed in plan components and/or management approaches.	FW-Water-G-4

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Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
206-77	Cooperate with the City of Flagstaff and National Park Service to develop study proposals and projects designed to evaluate best management practices, reservoir modifications, and/or operational criteria to address the objectives of maintaining the quality of the municipal water supply and increasing the likelihood of flood flows and improvement of the inner-canyon environment in Walnut Canyon National Monument (per the Stipulation Between The City of Flagstaff and the United States on Behalf of the National Park Service and the Forest Service).	Addressed in plan components and/or management approaches.	MA-LkMary-MgtApp-C
206-77	Soil condition objectives are met and soil functions are sustained so that the soil can readily absorb, store, and transmit water both vertically and horizontally, accept, hold and release nutrients, and resist erosion. Soils are able to maintain resource values, sustain outputs, and recover from impacts.	Addressed in plan components and/or management approaches.	FW-Soil-DC-1, FW-Soil-DC-2, FW-Soil-DC-3
206-78	Mountain meadows located with the Lake Mary and Oak Creek Watersheds are improved to enhance soil productivity, biological diversity, and help maintain downstream water quality. Improvement measures include: stream channel stabilization, improved cattle grazing strategy, management of wildlife, recreation, and roads within these meadows.	Addressed in plan components and/or management approaches.	FW-Graz-DC-2, FW-Graz-G-2, FW-Graz-MgtApp-A, FW-Graz-MgtApp-B, FW-RdsFac-G-1, FW-Rec-All-G-1, FW-Rip-Strm-DC-1, FW-Rip-Strm-G-1, FW-Soil-G-1, FW-Water-DC-2, FW-WFP-MgtApp-A, FW-WFP-MgtApp-C
206-78	The rate of water infiltration is increased, thereby minimizing surface runoff, reducing on-site sheet, rill and gully erosion, and subsequent sedimentation into connecting waters downstream.	Addressed in plan components and/or management approaches.	FW-Eco-DC-1, FW-Soil-DC-2, FW-Soil-O-1
206-78	Enhance soil organic matter content to improve physical condition and increase water infiltration, nutrient cycling, and soil productivity.	Addressed in plan components and/or management approaches.	FW-Soil-DC-1, FW-Soil-DC-2, FW-Soil-G-2, FW-Soil-G-3, FW-Soil-O-1
206-78	Vegetative species composition and diversity are increased and the distribution and diversity of vegetative ground cover is improved.	Addressed in plan components and/or management approaches.	FW-TerrERU-All-DC-1, FW-TerrERU-All-DC-2, FW-TerrERU-All-G-1
206-78	In general, do not locate open roads in meadows.	Addressed in plan components and/or management approaches.	FW-RdsFac-DC-2, FW-RdsFac-G-5
206-78	Provide media and public information focused on the importance of meadows and proper activities within meadows.	Addressed in plan components and/or management approaches.	FW-InterpEd-DC-1, FW-InterpEd-DC-4

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Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
206-78	Increase and improve vegetative species composition and diversity in the surrounding landscapes to diffuse grazing pressure from elk and livestock.	Addressed in plan components and/or management approaches.	FW-TerrERU-All-DC-2, FW-TerrERU-All-DC-5, FW-TerrERU-All-G-1
206-78	Riparian communities benefit riparian dependent resources and support diverse assemblages of aquatic and terrestrial species.	Addressed in plan components and/or management approaches.	FW-Rip-All-DC-1, FW-Rip-All-DC-3, FW-Rip-All-DC-5
206-78	Stream channels have adequate and appropriate plant cover to protect stream banks and dissipate energy during high flows.	Addressed in plan components and/or management approaches.	FW-Rip-All-DC-5, FW-Rip-Strm-DC-1
206-78	Stream flow is adequate to maintain aquatic communities and water sources for wildlife.	Addressed in plan components and/or management approaches.	FW-Rip-All-DC-1, FW-Rip-All-DC-2, FW-Rip-Strm-DC-4, FW-WFP-DC-1
206-78	Wildlife viewing is recognized as a form of recreation and opportunity for environmental education.	Addressed in plan components and/or management approaches.	FW-Rec-All-MgtApp-C, FW-WFP-DC-10
206-78	Emphasis is placed on rehabilitation of high elevation riparian communities. Rehabilitation may include: wildlife and livestock grazing management, fencing, stream channel stabilization, road relocation, recreation management, and physical protection of revegetation work.	Addressed in plan components and/or management approaches.	FW-Graz-G-2, FW-Graz-G-4, FW-RdsFac-G-5, FW-Rec-All-G-1, FW-Rip-All-G-1, FW-Rip-All-G-2, FW-Rip-Strm-DC-1, FW-Rip-Strm-G-1, FW-WFP-MgtApp-A
206-78	Ensure that riparian areas are in a condition that improves or maintains high quality water in the Lake Mary and Oak Creek watersheds.	Addressed in plan components and/or management approaches.	FW-Rip-All-DC-4, FW-Water-MgtApp-C, MA-LkMary-MgtApp-A, MA-LkMary-MgtApp-B, MA-LkMary-MgtApp-C
206-79	Follow the trail planning parameters set forth in the FLEA area-wide Guidelines. In addition, develop trails strategy that allows for water access while protecting the riparian community, wildlife habitat, and sensitive plants. At certain locations provide wildlife viewing compatible with wildlife habitat.	Addressed in plan components and/or management approaches.	FW-Rec-All-DC-8, FW-Rec-All-MgtApp-C, FW-Rec-Trails-DC-1, FW-Rec-Trails-DC-4, FW-Rec-Trails-G-1
206-79	Reduce impacts on water quality by such methods as placing toilets in strategic locations, and providing information about proper sanitation practices.	Addressed in plan components and/or management approaches.	FW-InterpEd-DC-1, FW-Rec-All-G-1, FW-Rec-Dev-DC-2, FW-Rec-Dev-DC-3, FW-Rec-Disp-DC-3
206-79	Follow FLEA area-wide criteria related to roads in riparian and open water areas.	Addressed in plan components and/or management approaches.	FW-RdsFac-G-1, FW-RdsFac-G-5

Amendment 17 – Flagstaff-Lake Mary Planning Area			
Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
206-79	Consider restricting general firewood gathering for personal use in the Urban/Rural Influence Zone if such use is causing conflicts with other uses, or detracting from road management goals. However, designated firewood cutting areas may be provided under a managed setting as a tool for various objectives, such as removing slash generated by thinning and improving herbaceous understory.	Addressed in plan components and/or management approaches.	FW-Fprod-DC-1, FW-Fprod-G-1, FW-Fprod-G-2
206-79	Update the Memorandum of Understanding (MOU) between the National Park Service and the Coconino National Forest. The MOU sets up 1) how the agencies communicate when situations arise, and 2) what criteria will be used to make decisions together. The current MOU is for Sunset Crater Volcano National Monument and Wupatki. The updated MOU should cover these Monuments and also include Walnut Canyon National Monument. For the Flagstaff Area National Monuments some of the items that need to be added to the MOU include considerations for: Native American access for traditional uses, law enforcement cooperation, personal use plant gathering, outfitter/guide parameters, commercial filming parameters, boundary management, fire management, location and management of NPS facilities on Coconino NF lands, National Historic Preservations Act (Section 106), National Environmental Policy Act and Endangered Species Act compliance coordination, shared services for monitoring, and cooperative efforts in managing interpretation and visitor services.	Addressed in plan components and/or management approaches.	FW-Rec-Disp-MgtApp-C, MA-PntdDsrt-MgtApp-A, MA-VolcanWd-MgtApp-A, MA-Walnut-MgtApp-A
206-79	Continue coordination related to fire suppression and fire risk reduction. Continue collaborative efforts to control non-native and invasive plants. Stay alert to changes in land use status. Provide input to the design requirement of new developments (especially when they are adjacent to National Forest), participate as a government liaison in the City of Flagstaff's Open Space Coalition, continue linking City and County trails to Forest Service trails, share public outreach and education tools, and share information about future plans.	Addressed in plan components and/or management approaches.	FW-Fire-MgtApp-D, FW-Invas-MgtApp-C, FW-LndAdj-MgtApp-D, FW-LndAdj-MgtApp-E, FW-Rec-All-MgtApp-A, FW-Rec-Trails-DC-1, FW-Rec-Trails-MgtApp-C, FW-Rec-Trails-MgtApp-D
206-80	Consider ongoing research in project design both to avoid impacts to research plots and to gain knowledge provided by research results.	Addressed in plan components and/or management approaches.	FW-SpecUse-MgtApp-D, FW-SpecUse-MgtApp-E
206-80	Refer research proposals to appropriate areas based on FLEA area objectives.	Addressed in plan components and/or management approaches.	FW-SpecUse-G-1, FW-SpecUse-G-15, FW-SpecUse-G-2, FW-SpecUse-MgtApp-E

Amendment 17 – Flagstaff-Lake Mary Planning Area			
Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
206-80	Many different government agencies, individuals, and groups partner with the Forest Service to accomplish various projects on-the-ground. These projects usually result in long-term improvements for wildlife habitat, recreation, or forest health. Continue these activities that have resulted in site-specific actions such as, but not limited to, riparian area improvements, wildlife waters, forest restoration, and trail building.	Addressed in plan components and/or management approaches.	FW-Hrtg-MgtApp-A, FW-Hrtg-MgtApp-F, FW-Rec-All-MgtApp-A, FW-Rec-Dev-MgtApp-D, FW-Rec-Disp-MgtApp-A, FW-Rec-Trails-MgtApp-D, FW-Rip-Spr-MgtApp-A, FW-TerrERU-Grass-MgtApp-A, FW-WFP-DC-10, MA-FlagN-MgtApp-A, MA-MtElden-MgtApp-A

Management Area 31 – Craters Management Area

Craters Management Area			
Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
206-84	Maintain cinder ecosystems, un-tracked appearance of cinder cones, and remote recreation opportunities with a high sense of self-exploration. Continue opportunities for firewood cutting and livestock grazing in the pinyon/juniper woodland. Restore natural grasslands. Re-establish or maintain fire and other ecosystem processes in the pinyon/juniper woodland.	Addressed in plan components and/or management approaches.	FW-BioPhys-Geo-DC-1, FW-Eco-DC-2, FW-Fprod-DC-1, FW-Graz-DC-1, FW-Rec-All-DC-10, FW-TerrERU-All-DC-2, MA-VolcanWd-DC-1, MA-VolcanWd-G-1
206-84	Maintain Semi-primitive Motorized ROS settings throughout the MA, with Roaded Natural corridors in between. Provide Semi-primitive Non-motorized settings on the large cinder cones.	Addressed in plan components and/or management approaches.	FW-Rec-All-DC-4, FW-Rec-All-DC-6
206-84	Retain an un-tracked appearance on the large cinder cones and maintain plants and animals adapted to the cinder ecosystem.	Addressed in plan components and/or management approaches.	FW-BioPhys-Geo-DC-1, FW-BioPhys-Geo-DC-7, FW-BioPhys-Geo-MgtApp-H, FW-Eco-DC-1, FW-WFP-DC-1, MA-VolcanWd-DC-1, MA-VolcanWd-G-1, MA-VolcanWd-MgtApp-B
206-84	Provide day and overnight-dispersed recreation opportunities with few developed trails or facilities.	Addressed in plan components and/or management approaches.	FW-Rec-All-DC-2, MA-VolcanWd-DC-3

Craters Management Area			
Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
206-84	As stated in Management Area 10, of the Forest Plan, maintain and improve grasslands, including removing encroaching pinyon/juniper and re-introducing fire. Maintain or improve watershed conditions throughout the MA.	Addressed in plan components and/or management approaches.	FW-Fire-DC-2, FW-TerrERU-All-G-1, FW-TerrERU-Grass-G-2, FW-TerrERU-PJ-G-1, FW-TerrERU-PJ-MgtApp-A, FW-Water-DC-3, FW-Water-G-2
206-84	Protect cultural resources.	Addressed in plan components and/or management approaches.	FW-Hrtg-DC-1
206-85	Provide low mileage of designated non-motorized trails in the MA and encourage self exploration.	Addressed in plan components and/or management approaches.	FW-Rec-Trails-DC-2, FW-Rec-Trails-DC-5, FW-Rec-Trails-MgtApp-B, FW-Rec-Trails-MgtApp-C, MA-VolcanWd-DC-4
206-85	Consider motorized trail corridors in this MA. Consider routes along the secondary road system for multiple-use opportunities.	Addressed in plan components and/or management approaches.	FW-Rec-Disp-DC-2, FW-Rec-Trails-DC-5, FW-Rec-Trails-DC-7, MA-VolcanWd-DC-3
206-85	Clear signing and information should be provided to off highway vehicle drivers to make clear distinction between driving rules in the Cinder Hills OHV area the cinder cones outside of the OHV area.	Addressed in plan components and/or management approaches.	FW-InterpEd-DC-5, FW-RdsFac-G-3, FW-Rec-Disp-G-1, MA-VolcanWd-DC-3
206-85	Continue active monitoring of cultural and historical sites to impacts from recreation, cattle grazing, firewood cutting, and other human uses. Changes in management can occur in response to demonstrated (through monitoring) negative impacts to archaeological resources. Cooperate with available Park Service personnel to accomplish monitoring.	Addressed in plan components and/or management approaches.	FW-Hrtg-MgtApp-C, FW-Hrtg-MgtApp-F, MA-VolcanWd-DC-1, MA-VolcanWd-G-1, MA-VolcanWd-MgtApp-A
206-85	There are known populations of non-native and invasive plants in this MA, such as camelthorn. Continue efforts to control or eradicate plants, especially along roadways.	Addressed in plan components and/or management approaches.	FW-Invas-DC-1, FW-Invas-G-1, FW-Invas-G-2

Management Area 32 – Deadman Wash

Management Area 32 – Deadman Wash			
Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
206-87	Restore and maintain grasslands and grassland adapted wildlife species, especially antelope. Provide large tracts of un-roaded landscape for disturbance sensitive species and remote recreation experiences. Protect cultural resources. Continue opportunities for livestock grazing, hunting, and firewood gathering. Balance recreation use demands on O'Leary Peak with sensitive wildlife species needs and Native American cultural values.	Addressed in plan components and/or management approaches.	FW-Graz-DC-1, FW-Hrtg-DC-1, FW-Rec-All-DC-2, MA-VolcanWd-DC-2, MA-VolcanWd-DC-4
206-87	Focus on maintenance and/or improvement of soil condition and watershed function. System roads and trails should receive adequate maintenance so that accelerated soil erosion is minimal. Non-system roads will be rehabilitated and some poorly located roads will be re-located. Rate of implementation will be dependent on funding and Forest priorities for road maintenance.	Addressed in plan components and/or management approaches.	FW-RdsFac-G-1, FW-RdsFac-G-2, FW-RdsFac-G-6, FW-Rec-Trails-G-1, FW-Soil-G-1, FW-Soil-G-2
206-88	Progress towards the settings displayed on the Objectives for Recreation Opportunity Spectrum map. This includes expanding the current Semi-primitive Motorized areas, and adding Semi-primitive Non-motorized settings on O'Leary Peak and other large cinder cones. Maintain the Roaded Natural settings along passenger car road corridors and the large KV electric line.	Addressed in plan components and/or management approaches.	FW-Rec-All-DC-2, FW-Rec-All-DC-4
206-88	Roads that access the national monuments other than through NPS control points will be removed from the system. Other secondary roads that are not needed for administrative access will be removed from the system.	Addressed in plan components and/or management approaches.	FW-RdsFac-DC-1, FW-RdsFac-G-6, FW-RdsFac-MgtApp-C, FW-RdsFac-O-1, FW-RdsFac-S-1, MA-VolcanWd-DC-3
206-88	Retain an un-tracked appearance on the large cinder cones and maintain plants and animals adapted to the cinder ecosystem.	Addressed in plan components and/or management approaches.	FW-BioPhys-Geo-DC-1, FW-BioPhys-Geo-DC-7, FW-BioPhys-Geo-MgtApp-H, FW-Eco-DC-1, FW-WFP-DC-1, MA-VolcanWd-DC-1, MA-VolcanWd-DC-2
206-88	As stated in Management Area 10, maintain and improve grasslands, including removing encroaching pinyon/juniper and re-introducing fire. Maintain or improve watershed conditions throughout the MA.	Addressed in plan components and/or management approaches.	FW-Fire-DC-2, FW-TerrERU-All-G-1, FW-TerrERU-All-G-2, FW-TerrERU-Grass-G-2, FW-TerrERU-PJ-G-1, FW-TerrERU-PJ-MgtApp-A, FW-Water-DC-3, FW-Water-G-2
206-88	Before permitting outfitter/guides adjacent to National Monuments, contact the National Park Service for coordination. Outfitter guiding might also help meet the mission of the National Park Service in the National Monuments or on adjacent National Forest lands	Addressed in plan components and/or management approaches.	FW-SpecUse-MgtApp-J

Management Area 32 – Deadman Wash			
Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
206-89	Continue active monitoring of cultural and historical sites to assess impacts from recreation, cattle grazing, firewood cutting, and other human uses. Changes in management can occur in response to demonstrated (through monitoring) negative impacts to archaeological resources. Cooperate with available Park Service personnel to accomplish monitoring.	Addressed in plan components and/or management approaches.	FW-Hrtg-DC-1, FW-Hrtg-MgtApp-C, FW-Hrtg-MgtApp-F
206-89	Consider impacts to viewsheds of the National Monuments and consider input from Park Service personnel when designing or approving projects in these viewsheds.	Addressed in plan components and/or management approaches.	FW-Scenic-G-1, FW-Scenic-MgtApp-B, MA-PntdDsrt-MgtApp-A, MA-VolcanWd-MgtApp-A
206-89	Green firewood cutting is a tool for grassland restoration. Continue efforts to limit illegal firewood gathering and enforce firewood harvest regulations. However, if firewood cutting for personal home use causes impacts to sensitive areas, adjust firewood policy as needed. This policy is adjusted annually for the Forest.	Addressed in plan components and/or management approaches.	FW-Fprod-DC-1, FW-Fprod-DC-2, FW-Fprod-G-1, FW-Fprod-G-2, FW-TerrERU-PJ-G-1, FW-TerrERU-PJ-MgtApp-A
206-89	Take steps to ensure cattle do not concentrate on sensitive cultural sites. Techniques to meet this objective include: placing new improvements such as water sources and fences away from sites; no salting at these sites; change pasture graze period at these sites; and closing parts of pastures to grazing.	Addressed in plan components and/or management approaches.	FW-Graz-G-2, FW-Graz-G-4, FW-Graz-G-5, FW-Graz-MgtApp-A, FW-Graz-MgtApp-B
206-89	There are known populations of non-native and invasive plants in this MA, such as camelthorn. Continue efforts to control or eradicate plants, especially along roadways.	Addressed in plan components and/or management approaches.	FW-Invas-DC-1, FW-Invas-G-1, FW-Invas-G-2
206-90	Specific coordination items related to this MA include FR 545, Bonito, and O'Leary campgrounds, O'Leary Peak, NPS administrative site, and the location of a potential future new visitor center.	Addressed in plan components and/or management approaches.	MA-PntdDsrt-MgtApp-A, MA-VolcanWd-MgtApp-A
206-90	Coordinate with Sunset Crater Volcano and Wupatki National Monuments in managing dispersed recreation use adjacent to the Monuments.	Addressed in plan components and/or management approaches.	MA-PntdDsrt-MgtApp-A, MA-VolcanWd-MgtApp-A
206-90	Additional topics include fencing placement/removal needs and proposed minor administrative boundary adjustments. Coordinate future changes in fencing as required by administrative boundary adjustments or to reduce the encroachment of users on to NPS national monuments.	Addressed in plan components and/or management approaches.	FW-RdsFac-MgtApp-A, FW-RdsFac-MgtApp-C, MA-VolcanWd-MgtApp-A

Management Area 33 - Doney

Management Area 33 - Doney			
Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
206-91	Most of this MA is within the Urban/Rural Influence Zone. Reduce the risk of catastrophic wildfire, especially within the Urban/Rural Influence Zone. Reintroduce fire's natural role as much as possible. Emphasize daytime recreation activities, both motorized and non-motorized. Balance recreation demands with protection of soils, water, and vegetation. Maintain public access to public lands. Restore natural grasslands, and promote healthy pinyon/juniper woodland. Ponderosa pine lands progress towards desired forest structure (goshawk habitat). Reduce instances of illegal activities and trash dumping. Maintain scenic quality. Opportunities for firewood or other forest products are rare, however, firewood sales may be used as a tool for management.	Addressed in plan components and/or management approaches.	FW-Eco-DC-2, FW-Fire-DC-2, FW-Fprod-DC-1, FW-Rec-All-DC-2, FW-Rec-All-DC-4, FW-Scenic-DC-1, FW-Scenic-G-1, FW-TerrERU-All-G-2, FW-TerrERU-PJ-G-1, FW-WFP-DC-1, FW-WUI-DC-2
206-92	Per the Objectives for Recreation Opportunity Spectrum map, expand Semiprimitive Non-motorized settings on a few of the large cinder cones in this MA. Expand Semi-primitive Motorized settings in other areas and continue Roaded Natural corridors along major roads. In this MA, the Semi-primitive settings have higher numbers of people than occur in outlying MA's.	Addressed in plan components and/or management approaches.	FW-Rec-All-DC-4
206-92	This MA is a high priority for efforts to reduce the risk of catastrophic fire especially in the ponderosa pine lands. Reference FLEA area-wide direction and the Forest Plan related to vegetation and fire management.	Addressed in plan components and/or management approaches.	FW-Eco-DC-2, FW-Fire-DC-2, FW-Fire-G-1, FW-TerrERU-All-DC-2, FW-WUI-DC-2, FW-WUI-DC-4, FW-WUI-G-1
206-92	Per the area-wide FLEA direction: meet with specific communities and County officials and consider input for Forest road and trail management, discourage proliferation of unneeded trails, create a primary trail system that serves as a collector for trails that originate in neighborhoods, convert some roads that are not needed for the road system into motorized trails, and provide pass through corridors for vehicles and ATV/motorcycles that leads to a separate motorized trails or to the secondary Forest road system.	Addressed in plan components and/or management approaches.	FW-RdsFac-MgtApp-A, FW-Rec-Trails-DC-1, FW-Rec-Trails-DC-11, FW-Rec-Trails-G-5, FW-Rec-Trails-G-6, FW-Rec-Trails-MgtApp-C, FW-Rec-Trails-O-1
206-92	Before permitting outfitter/guides adjacent to National Monuments, contact the National Park Service for coordination. Outfitter guiding might also help meet the mission of the National Park Service in the National Monuments or on adjacent National Forest lands.	Addressed in plan components and/or management approaches.	FW-SpecUse-MgtApp-J
206-92	When conducting trail planning as described in the FLEA area-wide direction, include discussions and input from the Coconino County trails coordinator and local groups, as well as community citizens. Complicated access issues and a multitude of recreation demands occur here.	Addressed in plan components and/or management approaches.	FW-Rec-Trails-MgtApp-C

Management Area 33 - Doney			
Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
206-93	Balance demands for non-motorized and motorized trails in this MA and provide opportunities for both.	Addressed in plan components and/or management approaches.	FW-Rec-Disp-DC-1, FW-Rec-Trails-DC-2, FW-Rec-Trails-DC-3, FW-Rec-Trails-DC-5, FW-Rec-Trails-MgtApp-C
206-93	Focus road and trail rehabilitation work on the large cinder cones, in meadows and grasslands where impacts are occurring to soils, plants, and cultural sites.	Addressed in plan components and/or management approaches.	FW-BioPhys-Geo-DC-1, FW-RdsFac-G-1, FW-RdsFac-G-5, FW-Rec-Trails-G-1, MA-VolcanWd-G-1
206-93	Consider impacts to viewsheds of the National Monuments and consider input from Park Service personnel when designing or approving projects in these viewsheds.	Addressed in plan components and/or management approaches.	FW-Scenic-G-1, FW-Scenic-MgtApp-B, MA-VolcanWd-MgtApp-A
206-93	Continue active monitoring of cultural and historical sites to impacts.	Addressed in plan components and/or management approaches.	FW-Hrtg-DC-1, FW-Hrtg-MgtApp-C, FW-Hrtg-MgtApp-F
206-93	In the ponderosa pine forests the potential for large fires should be low on flat to rolling areas and moderate to high on steep slopes and drainages. In the pinyon-juniper forests the potential should continue to be low to moderate. Very extreme conditions must exist in order for pinyon-juniper forests to support large fires. This area is at high risk for ignition but fire frequency is low.	Addressed in plan components and/or management approaches.	FW-Eco-DC-1, FW-TerrERU-All-DC-2, FW-TerrERU-PJ-DC-13, FW-TerrERU-PJ-DC-3, FW-TerrERU-PJ-DC-8, FW-TerrERU-PP-DC-3, FW-WUI-DC-2
206-93	Specific coordination items related to this MA include the potential new location for a visitor center, coordinated prescribed fire activities, fencing of National Monument lands, and illegal access onto the Monument.	Addressed in plan components and/or management approaches.	FW-Fire-MgtApp-D, FW-RdsFac-MgtApp-C, MA-FlagN-MgtApp-B, MA-Walnut-MgtApp-A

Management Area 34 - Flagstaff

Management Area 34 - Flagstaff			
Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
206-95	All of the lands not directly needed by the Forest Service for its facilities become low priority for retention in Forest Service ownership. In addition, we also are not planning new developments in these areas. As long as these lands remain in National Forest ownership, within the Urban/Rural Influence Zone (entire MA), reduce the risk of catastrophic wildfire, emphasize daytime non-motorized recreation opportunities and balance recreation demands with protection of the soils, water, wildlife and vegetation, and maintain public access to public lands. Reduce instances of illegal activities and trash dumping. Maintain scenic quality. Opportunities for firewood or other forest products are rare, however, firewood sales may be used as a tool for management.	Addressed in plan components and/or management approaches.	FW-Eco-DC-2, FW-Fprod-DC-1, FW-LndAdj-G-2, FW-Rec-All-DC-2, FW-Rec-All-G-1, FW-Scenic-G-1, FW-TerrERU-All-DC-2, MA-FlagN-DC-1, MA-FlagN-DC-6
206-95	Emphasize Roaded Natural ROS settings with few roads and trails or facilities.	Addressed in plan components and/or management approaches.	FW-Rec-All-DC-4
206-95	Continue efforts in partnership with the City of Flagstaff to treat forested stands to reduce risk of catastrophic wildfire.	Addressed in plan components and/or management approaches.	FW-Fire-MgtApp-D, MA-FlagN-MgtApp-B
206-95	These lands are a high priority for treatment of non-native and invasive plants.	Addressed in plan components and/or management approaches.	FW-Invas-DC-1, FW-Invas-G-1, FW-Invas-G-2

Management Area 35 – Lake Mary Watershed

Management Area 35 – Lake Mary Watershed			
Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
206-97	Focus on maintenance and/or improvement of soil condition and watershed function. Degraded meadows and stream channels will be improved through a variety of management activities designed to increase herbaceous ground cover and litter and reduce soil erosion. System roads and trails will receive adequate maintenance so that accelerated soil erosion is minimal. Non-system roads will be rehabilitated and some poorly located roads will be re-located.	Addressed in plan components and/or management approaches.	FW-RdsFac-G-1, FW-RdsFac-G-6, FW-Rec-Trails-G-1, FW-Rip-Strm-G-1, FW-Soil-G-1, FW-Water-G-2, FW-Water-MgtApp-C, MA-LkMary-G-1, MA-LkMary-G-2, MA-LkMary-MgtApp-A, MA-LkMary-MgtApp-B

Management Area 35 – Lake Mary Watershed			
Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
206-98	The northwestern portion of this MA is within the Urban/Rural Influence Zone. Reduce the risk of catastrophic wildfire, especially within the Urban/Rural Influence Zone. Reduce instances of illegal activities and trash dumping. Maintain scenic quality. Opportunities for firewood or other forest products are rare in the northwest portion; however, firewood sales may be used as a tool for management.	Addressed in plan components and/or management approaches.	FW-Eco-DC-1, FW-Fprod-DC-1, FW-Fprod-G-2, FW-Scenic-G-1, FW-TerrERU-All-DC-2, FW-WUI-DC-2, FW-WUI-G-1, MA-LkMary-DC-3, MA-LkMary-G-1, MA-LkMary-MgtApp-B
206-98	In the entire MA, re-introduce fire's natural role as much as possible, and ponderosa pine lands progress towards desired forest structure, including northern goshawk and Mexican spotted owl habitats.	Addressed in plan components and/or management approaches.	FW-Fire-DC-2, FW-Fire-G-2, FW-TerrERU-All-G-2, FW-WFP-G-1, FW-WFP-G-2, FW-WUI-DC-3, FW-WUI-G-1
206-98	In the lakes, maintain the variety of waterfowl, raptors, amphibians, and many different kinds of plants adapted to lake shore environments. Emphasize healthy shorelines adjacent to the water with ample ground cover, and less erosion or compaction. Turbidity is natural to these lakes. Minimize human disturbance to wildlife, where needed, during the critical times. Continue to provide general dispersed and water-based recreation opportunities. Improve wildlife viewing opportunities where wildlife viewing is compatible with wildlife habitat.	Addressed in plan components and/or management approaches.	FW-Rec-All-DC-2, FW-Rec-All-DC-8, FW-Rec-All-DC-9, FW-Rec-All-MgtApp-C, FW-Rip-All-DC-1, FW-Rip-All-DC-5, FW-Water-DC-2, FW-WFP-DC-1, FW-WFP-DC-10, FW-WFP-DC-11, FW-WFP-DC-8
206-98	In the Urban/Rural Influence Zone, per the area-wide FLEA direction: meet with specific communities, interested people, City and County officials and consider input for Forest road and trail management, discourage proliferation of unneeded trails, create a primary trail system that serves as a collector for trails that originate in neighborhoods, convert some roads that are not needed for the road system into motorized trails.	Addressed in plan components and/or management approaches.	FW-RdsFac-G-6, FW-RdsFac-MgtApp-A, FW-Rec-Disp-G-1, FW-Rec-Trails-DC-1, FW-Rec-Trails-DC-11, FW-Rec-Trails-G-1, FW-Rec-Trails-G-5, FW-Rec-Trails-G-6, FW-Rec-Trails-MgtApp-C, FW-Rec-Trails-O-1, MA-FlagN-DC-2
206-98	Maintain existing recreation facilities and improve signing, parking, and sanitation. Balance recreation demands with sensitive resources such as species habitats, fragile riparian vegetation, and erosive soils where they occur. Continue to focus high levels of use on the Lake Mary Road side of the lakes.	Addressed in plan components and/or management approaches.	FW-InterpEd-DC-2, FW-Rec-All-DC-4, FW-Rec-All-G-1, FW-Rec-All-G-2, FW-Rec-All-G-4, FW-Rec-All-G-5, FW-Rec-All-G-8, FW-Rec-Dev-DC-2, FW-Rec-Dev-DC-3, FW-WFP-DC-8
206-98	Riparian communities should have adequate native plant cover to protect stream banks and dissipate energy during high flows.	Addressed in plan components and/or management approaches.	FW-Rip-All-DC-5, FW-Rip-All-G-2

Management Area 35 – Lake Mary Watershed			
Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
206-98	In the Lake Mary Watershed, high priority is given to minimizing soil erosion and sedimentation from Forest system roads and trails. Proper maintenance and drainage will be emphasized as well as relocation of roads from meadows and obliteration of unnecessary roads.	Addressed in plan components and/or management approaches.	FW-RdsFac-DC-4, FW-RdsFac-G-1, FW-RdsFac-G-2, FW-RdsFac-G-5, FW-Rec-Trails-DC-4, FW-Rec-Trails-G-1, MA-LkMary-DC-1
206-98	Per the Objectives for Recreation Opportunity Spectrum map, expand Semiprimitive Motorized areas and maintain Roaded Natural corridors along major roads. New Semi-primitive Non-motorized patches should be created on Mormon Mountain in sensitive species habitat.	Addressed in plan components and/or management approaches.	FW-Rec-All-DC-2, FW-Rec-All-DC-4
206-98	Maintain or enhance rare plant populations where they occur. Examples are Flagstaff pennyroyal, Flagstaff penstemon, and Arizona leatherflower.	Addressed in plan components and/or management approaches.	FW-WFP-DC-1, FW-WFP-DC-8, FW-WFP-G-2, FW-WFP-G-3, FW-WFP-MgtApp-A, FW-WFP-MgtApp-D
206-99	Provide designated parking spots along Lake Mary Road where it borders Lower and Upper Lakes Mary. Limit parking to certain spots along the highway and/or in current paved parking areas. Techniques may include installing physical barriers and implementing enforcement policies that manage parking.	Addressed in plan components and/or management approaches.	FW-RdsFac-G-5, FW-Rec-All-G-4, FW-Rec-All-G-5
206-99	Provide additional sanitation facilities along the Upper and Lower Lakes Mary corridor, especially where large numbers of people tend to congregate.	Addressed in plan components and/or management approaches.	FW-Rec-Dev-DC-3, FW-Rec-Dev-DC-7, FW-Rec-Disp-DC-3
206-99	Continue current seasonal motorized restrictions in the Pinegrove Seasonal Closure Area.	Addressed in plan components and/or management approaches.	MA-LkMary-DC-2, MA-LkMary-DC-4, MA-LkMary-S-1
206-99	Informational signs and patrols will be similar to what they are today. The Forest Recreation Map is the primary information tool. These areas may be somewhat "advertised."	Addressed in plan components and/or management approaches.	FW-InterpEd-DC-1, FW-InterpEd-DC-2, FW-InterpEd-DC-3, FW-InterpEd-DC-4
206-99	Near the lakes continue to provide brochures, signs, and other information about the site. In addition, endeavor to improve wildlife viewing and education opportunities.	Addressed in plan components and/or management approaches.	FW-InterpEd-DC-1, FW-InterpEd-DC-2, FW-Rec-All-DC-8, FW-WFP-DC-10
206-99	Per the Objectives for Camping map, camping is designated dispersed camping sites in the Lake Mary and Marshall Lake areas. Continue the current developed campground opportunities and continue general dispersed camping in the rest of the MA.	Addressed in plan components and/or management approaches.	FW-Rec-All-DC-2, FW-Rec-All-DC-6, FW-Rec-Dev-DC-1, FW-Rec-Disp-DC-1, FW-Rec-Disp-DC-4

Management Area 35 – Lake Mary Watershed			
Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
206-99	Designated dispersed camping opportunities will be identified along the south shore of Upper Lake Mary for boat-in camping. Camping should occur in designated sites only on the south shore. Locate designated camping an appropriate distance from raptor nests. Sites will be closed, re-opened or rotated as needed for area rehabilitation. Foster good sanitation practices and encourage boaters to pack-it-out, or if needed design sanitation facilities so as not to create sources of human waste pollution.	Addressed in plan components and/or management approaches.	FW-RdsFac-S-1, FW-Rec-Dev-DC-3, FW-Rec-Disp-DC-3, FW-Rec-Disp-DC-4, FW-Rec-Disp-G-2, FW-Rec-Disp-G-5, FW-Rec-Disp-S-1, FW-WFP-DC-11, FW-WFP-G-11
206-100	Do not issue outfitter/guide permits or permit use that causes significant change for the ROS social or managerial setting, such as allowing airboats or seaplanes on the lakes.	Addressed in plan components and/or management approaches.	FW-Rec-All-DC-4, FW-SpecUse-DC-1, FW-SpecUse-DC-7, FW-SpecUse-DC-8, FW-SpecUse-S-1
206-100	Continue the current non-motorized Arizona Trail corridor through the MA.	Addressed in plan components and/or management approaches.	FW-RdsFac-S-1, FW-Rec-Disp-S-1, SA-NatlTrails-DC-3, SA-NatlTrails-DC-6, SA-NatlTrails-G-3, SA-NatlTrails-G-5, SA-NatlTrails-G-6, SA-NatlTrails-G-7
206-100	Outside of the Urban/Rural Influence Zone, adoption of user-created trails is unlikely. Provide low mileage of designated non-motorized trails in the remainder of the MA and encourage self-exploration.	Addressed in plan components and/or management approaches.	FW-Rec-All-DC-10, FW-Rec-All-DC-2, FW-Rec-Trails-DC-1, FW-Rec-Trails-G-3, FW-Rec-Trails-MgtApp-C, MA-LkMary-DC-2
206-100	Consider motorized trail corridors in this MA. The secondary road system should provide for multiple-use opportunities.	Addressed in plan components and/or management approaches.	FW-RdsFac-S-1, FW-Rec-All-DC-2, FW-Rec-Disp-S-1, FW-Rec-Trails-DC-5, FW-Rec-Trails-DC-7, FW-Rec-Trails-G-5, FW-Rec-Trails-MgtApp-C
206-100	Take actions at Marshall Lake to continue use and enjoyment of Marshall Lake and to maintain important waterfowl nesting habitat. Continue maintenance of the Marshall Lake wetland in cooperation with the Arizona Game and Fish Department through such actions as matting, mowing or other actions that create waterholes in the reeds. Maintain the current boat ramp and enhance wildlife viewing opportunities. Consider making a portion of the lake and adjacent forested areas, an exclosure that prohibits dogs, people, and hunting during the waterfowl-nesting season of May 1 to July 15 to increase nesting success of upland game birds.	Addressed in plan components and/or management approaches.	FW-Rec-All-G-2, FW-Rip-All-G-2, FW-Rip-Wtlnds-DC-1, FW-WFP-DC-1, FW-WFP-DC-2, FW-WFP-DC-3, FW-WFP-DC-8, FW-WFP-G-5, FW-WFP-G-8, FW-WFP-MgtApp-A, FW-WFP-MgtApp-D, FW-WFP-S-2
206-100	Refer to more recent management guidelines and conservation assessments that exist for bald eagle winter habitat management.	Addressed in plan components and/or management approaches.	FW-WFP-DC-3, FW-WFP-G-2

Management Area 35 – Lake Mary Watershed			
Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
206-100	The designated bald eagle/osprey emphasis area should be expanded to include future perch and roost trees in key areas.	Addressed in plan components and/or management approaches.	FW-TerrERU-PP-G-5, FW-WFP-DC-1, FW-WFP-DC-2, FW-WFP-G-2, FW-WFP-G-3
206-100	This area is a high priority for fixing drainage culverts, relocating roads from meadows, and obliterating unnecessary roads so that erosion does not degrade water quality in Lake Mary.	Addressed in plan components and/or management approaches.	FW-RdsFac-G-1, FW-RdsFac-G-5, FW-RdsFac-G-6, FW-Water-MgtApp-C, MA-LkMary-G-2
206-100	Roads, trails, camping, and grazing will be managed to improve watershed condition particularly within mountain meadows, springs, and drainages.	Addressed in plan components and/or management approaches.	FW-RdsFac-G-1, FW-Rec-All-G-1, FW-Rec-Trails-G-1, FW-Water-DC-1, FW-Water-DC-3, FW-Water-G-2, FW-Water-G-4, MA-LkMary-DC-1, MA-LkMary-G-1
206-100	Improve watershed conditions in Priest Draw.	Addressed in plan components and/or management approaches.	FW-Water-G-2, FW-Water-G-4, MA-LkMary-G-1
206-100	Cooperate with the City of Flagstaff and National Park Service to develop study proposals and projects designed to evaluate best management practices, reservoir modifications, and/or operational criteria to address the objectives of maintaining the quality of the municipal water supply and increasing the likelihood of flood flows and improvement of the inner-canyon environment in Walnut Canyon National Monument (per the Stipulation Between The City of Flagstaff and the United States on Behalf of the National Park Service and the Forest Service).	Addressed in plan components and/or management approaches.	FW-Water-MgtApp-K, MA-LkMary-MgtApp-A, MA-LkMary-MgtApp-B, MA-LkMary-MgtApp-C, MA-Walnut-MgtApp-A
206-101	Per the FLEA Area-wide direction, reduce potential for catastrophic wildfire within the Urban/Rural Influence Zone. Because of prevailing winds, lands south and west of the Urban/Rural Influence Zone should be evaluated for wildfire risks and appropriate measures taken to reduce potential for catastrophic fire. Continue partnerships with city, county, and State fire departments to coordinate fire hazard reduction treatments, prevention, and suppression. Take steps to minimize wildfire losses to key wildlife habitat components such as eagle roosts, osprey nests, snags, yellow pines, oaks and rare plant habitat.	Addressed in plan components and/or management approaches.	FW-Fire-DC-3, FW-Fire-MgtApp-D, FW-TerrERU-All-DC-1, FW-TerrERU-All-DC-2, FW-WFP-G-9, FW-WUI-DC-10, FW-WUI-DC-2, FW-WUI-DC-3, FW-WUI-DC-4, FW-WUI-DC-5, FW-WUI-G-1, MA-LkMary-DC-1, MA-LkMary-G-1, MA-LkMary-MgtApp-B
206-101	Follow approved management plans or other conservation documents.	Addressed in plan components and/or management approaches.	FW-WFP-G-1, FW-WFP-G-2, FW-WFP-MgtApp-A

Management Area 35 – Lake Mary Watershed			
Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
206-101	There are known populations of non-native and invasive plants in this MA, such as diffuse and spotted knapweed, musk and bull thistle, and Mediterranean sage. Continue efforts to control or eradicate these weeds and coordinate with recreation and lands uses to prevent spread.	Addressed in plan components and/or management approaches.	FW-Invas-DC-1, FW-Invas-DC-2, FW-Invas-G-1, FW-Invas-G-2, FW-Invas-G-3, FW-RdsFac-G-8, FW-Rec-All-G-1, FW-Rec-All-G-6, FW-Rec-Dev-DC-9, FW-SpecUse-G-1, FW-SpecUse-G-21

Management Area 36 - Schultz

Management Area 36 - Schultz			
Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
206-103	A small portion of this MA is within the Urban/Rural Influence Zone. Reduce the risk of catastrophic wildfire, especially within the Urban/Rural Influence Zone. Reintroduce fire's natural role as much as possible. Emphasize daytime recreation activities, primarily non-motorized in the Urban/Rural Influence Zone and provide designated camping sites in the Dry Lake Hills. Balance recreation demands with protection of the soils, water, vegetation, and sensitive species. This includes defining limits on recreation individual, group or outfitter/guide use if analysis shows a need.	Addressed in plan components and/or management approaches.	FW-Eco-DC-1, FW-Fire-DC-2, FW-Fire-G-1, FW-Fire-G-2, FW-Rec-All-DC-2, FW-Rec-All-DC-4, FW-Rec-All-G-1, FW-Rec-Disp-DC-4, FW-Rec-Disp-G-2, FW-SpecUse-DC-1, FW-TerrERU-All-DC-2, FW-TerrERU-All-G-1, FW-WUI-DC-10, FW-WUI-DC-2, FW-WUI-DC-3, FW-WUI-DC-4, FW-WUI-DC-7, FW-WUI-DC-8 FW-WUI-DC-9, FW-WUI-G-1, MA-MtElden-DC-1, MA-MtElden-DC-2, MA-MtElden-DC-3, MA-MtElden-DC-4, MA-MtElden-G-2, MA-MtElden-G-5, MA-Peaks-DC-2
206-103	Maintain drainages and meadows for watershed health and water quality. Ponderosa pine lands progress towards desired forest structure (goshawk habitat). Reduce instances of illegal activities and trash dumping. Maintain scenic quality. Opportunities for firewood or other forest products are rare; however, firewood sales may be used as a tool for management.	Addressed in plan components and/or management approaches.	FW-Eco-DC-1, FW-Fprod-DC-1, FW-Fprod-G-2, FW-Rec-Disp-DC-3, FW-Scenic-DC-2, FW-Scenic-G-1, FW-TerrERU-All-DC-2, FW-TerrERU-PP-DC-1, FW-TerrERU-PP-DC-12, FW-TerrERU-PP-DC-3, FW-Water-DC-1, FW-Water-DC-2, MA-MtElden-DC-6

Management Area 36 - Schultz			
Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
206-103	In the Mt. Elden/Dry Lake Hills area, people should be mostly on the trail system, leaving undisturbed patches of habitat in between. Wildlife habitat will be somewhat fragmented because of the extent of the trail system, but topography and dense mixed conifer vegetation reduce some of the effects.	Addressed in plan components and/or management approaches.	FW-Rec-Trails-DC-1, FW-Rec-Trails-DC-11, FW-Rec-Trails-G-1, FW-WFP-DC-1, FW-WFP-DC-11, FW-WFP-DC-2, FW-WFP-DC-3, FW-WFP-DC-5, FW-WFP-DC-6, FW-WFP-G-13, MA-MtElden-DC-1
206-103	Per the Objectives for Recreation Opportunity Spectrum map, maintain the Semiprimitive Non-motorized setting in the Dry Lake Hills and expand the Semiprimitive Non-motorized setting below the Waterline Road. Expand Semi-primitive Motorized settings in the remainder of the MA with Roaded Natural corridors along major roads.	Addressed in plan components and/or management approaches.	FW-Rec-All-DC-4, MA-MtElden-DC-4, MA-MtElden-G-2
206-104	Maintain the Dry Lake Hills Trail system for non-motorized recreation trail opportunities. Few if any additions are needed to this system.	Addressed in plan components and/or management approaches.	FW-Rec-Trails-DC-1, MA-MtElden-DC-4, MA-MtElden-G-2
206-104	Maintain the two Mexican spotted owl PACs.	Addressed in plan components and/or management approaches.	FW-WFP-G-1, FW-WFP-G-2, FW-WFP-G-3, FW-WFP-G-4, FW-WFP-S-1
206-104	Identify designated parking spots along the roads of this MA where recreational uses are heavy.	Addressed in plan components and/or management approaches.	FW-Rec-All-G-4, FW-Rec-All-G-5, FW-Rec-Trails-DC-10
206-104	Maintain the non-motorized status of the base of Mt. Elden to protect deer winter habitat and cultural sites and to provide for high levels of non-motorized recreation.	Addressed in plan components and/or management approaches.	MA-MtElden-DC-2, MA-MtElden-DC-4, MA-MtElden-G-2
206-104	In the Mount Elden/Dry Lake Hills area there will be extensive signing, brochures, and patrols so that visitors can easily find trails and facilities.	Addressed in plan components and/or management approaches.	FW-InterpEd-DC-2, FW-InterpEd-DC-3, FW-InterpEd-DC-6, FW-Rec-All-G-8, FW-Rec-Dev-DC-6, MA-MtElden-DC-1
206-104	In the area east of the Waterline Road informational signs and patrols will be similar to what they are today. Brochures or other information would be minimal. Recreation opportunities here will not be "advertised."	Addressed in plan components and/or management approaches.	FW-InterpEd-DC-2, FW-InterpEd-DC-3, FW-InterpEd-DC-4, FW-Rec-All-G-8, MA-MtElden-DC-1
206-104	Per the Objectives for Camping map, designate dispersed camping sites in the Mount Elden/Dry Lake Hills area.	Addressed in plan components and/or management approaches.	FW-Rec-Disp-DC-4, FW-Rec-Disp-G-2, FW-Rec-Disp-S-1

Management Area 36 - Schultz			
Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
206-105	Per FLEA Area-wide direction, generally, do not place additional outfitter/guide activities or group activities in the Dry Lake Hills, any spring or perennial stream site, except in support of approved research, and/or to improve safety or provide site rehabilitation.	Addressed in plan components and/or management approaches.	FW-SpecUse-DC-1, FW-SpecUse-G-16, FW-SpecUse-G-19, FW-SpecUse-G-3
206-105	Maintain the current trail system. Maintain and improve trailhead parking and identify designated parking spots. Relocate trailhead parking on the Elden Lookout Road to balance use with sensitive MSO habitat.	Addressed in plan components and/or management approaches.	FW-Rec-All-G-1, FW-Rec-All-G-4, FW-Rec-All-G-5, FW-Rec-Trails-DC-10, FW-WFP-G-3
206-105	Maintain the Waterline Road as a heavily used non-motorized recreation corridor. Administrative use is motorized.	Addressed in plan components and/or management approaches.	FW-Rec-Disp-S-1, MA-MtElden-DC-5, MA-MtElden-G-3, MA-Peaks-DC-4, MA-Peaks-G-1
206-105	Do not pursue motorized trails in the Dry Lake Hills or east of the Waterline Road.	Addressed in plan components and/or management approaches.	MA-MtElden-DC-4
206-105	Between Timberline and other communities, consider a motorized connection. Use the secondary road system to provide motorized access.	Addressed in plan components and/or management approaches.	FW-Rec-Trails-DC-7, FW-Rec-Trails-DC-8, FW-Rec-Trails-G-5, FW-Rec-Trails-G-6
206-105	Within the Semi-primitive Non-motorized ROS settings maintain large tracts of unfragmented habitat for disturbance sensitive species, such as turkey and bear.	Addressed in plan components and/or management approaches.	FW-Rec-All-DC-10, FW-Rec-All-DC-4, FW-Rec-All-DC-6, FW-WFP-DC-1
206-105	Per the FLEA Area-wide direction, reduce potential for catastrophic wildfire within the Urban/Rural Influence Zone. Because of prevailing winds and steep terrain, lands north and east of the Urban/Rural Influence Zone should be evaluated for wildfire risks and appropriate measures taken to reduce potential for catastrophic fire. Continue partnerships with City, County, and State fire departments to coordinate fire hazard reduction treatments, prevention, and suppression.	Addressed in plan components and/or management approaches.	FW-Eco-DC-1, FW-Fire-MgtApp-D, FW-TerrERU-All-DC-2, FW-WUI-DC-2, FW-WUI-DC-3, FW-WUI-DC-4, FW-WUI-DC-5, FW-WUI-G-1, MA-FlagN-MgtApp-A, MA-FlagN-MgtApp-B, MA-MtElden-MgtApp-A, MA-MtElden-MgtApp-B

Management Area 37 – Walnut Canyon

Management Area 37 – Walnut Canyon			
Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
206-108	Provide Recreational Opportunities. Maintain the quality of the recreational experience throughout this MA. North and west of Walnut Canyon emphasize daytime recreation activities, primarily non-motorized. South and east of Walnut Canyon emphasize remote dispersed recreation (day and overnight) with motorized and non-motorized opportunities. Balance recreation demands with protection of the soils, water, vegetation, and sensitive species.	Addressed in plan components and/or management approaches.	FW-Rec-All-DC-1, FW-Rec-All-DC-2, FW-Rec-All-DC-4, FW-Rec-All-DC-6, FW-Rec-All-G-1, MA-Walnut-DC-1, MA-Walnut-G-1
206-108	Manage to protect the values of Walnut Canyon National Monument and complement National Park Service goals for the Monument as described in the National Park Service's General Management Plan.	Addressed in plan components and/or management approaches.	FW-Hrtg-DC-1, MA-Walnut-G-2, MA-Walnut-MgtApp-A
206-108	Maintain scenic quality.	Addressed in plan components and/or management approaches.	FW-Scenic-DC-1, FW-Scenic-DC-2, FW-Scenic-G-1, MA-Walnut-DC-2
206-108	Protect the community - A small portion of this MA is within the Urban/Rural Influence Zone. Reduce the risk of catastrophic wildfire, especially within the Urban/Rural Influence Zone. Reintroduce fire's natural role as much as possible. Opportunities for firewood or other forest products are rare north and west of the Canyon, however, firewood sales may be used as a tool for management.	Addressed in plan components and/or management approaches.	FW-Eco-DC-1, FW-Fire-DC-3, FW-Fire-MgtApp-D, FW-Fprod-DC-1, FW-Fprod-DC-2, FW-TerrERU-All-DC-2, FW-TerrERU-All-G-2, FW-WUI-DC-2, FW-WUI-DC-3, FW-WUI-DC-4, FW-WUI-DC-5, FW-WUI-DC-6, FW-WUI-G-1
206-108	Protect Walnut Canyon environs. Focus on maintenance and/or improvement of soil condition and watershed function. Degraded meadows and stream channels will be improved through a variety of management activities designed to increase herbaceous ground cover and litter and reduce soil erosion. System roads and trails should receive adequate maintenance so that accelerated soil erosion is minimal. Nonsystem roads will be rehabilitated and some poorly located roads will be re-located.	Addressed in plan components and/or management approaches.	FW-Eco-DC-1, FW-RdsFac-G-1, FW-RdsFac-G-6, FW-Rec-Trails-G-1, FW-Rip-All-G-1, FW-Rip-Strm-DC-1, FW-Rip-Strm-G-2, FW-Soil-DC-1, FW-Soil-G-1, FW-Soil-G-2, FW-Water-DC-1, FW-Water-DC-2, FW-Water-G-1
206-108	Maintain sensitive species habitat. Ponderosa pine lands progress towards desired forest structure, including Mexican spotted owl and northern goshawk habitats.	Addressed in plan components and/or management approaches.	FW-TerrERU-All-G-1, FW-TerrERU-PP-DC-1, FW-WFP-G-1, FW-WFP-G-2, FW-WFP-G-3, FW-WFP-G-4, FW-WFP-S-1
206-108	Reduce instances of illegal activities and trash dumping.	Addressed in plan components and/or management approaches.	FW-Rec-Disp-DC-3

Management Area 37 – Walnut Canyon			
Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
206-108	Emphasize the social values compatible with an urban interface that includes recognition of the area's opportunity for wildlife, recreational, and scenic values. Provide forage and security for a variety of game and non-game species of wildlife, provide conservation and environmental education opportunities, provide an area for recreational uses for the Flagstaff public, and manage a portion of the area to give a quiet, almost primitive recreation experience.	Addressed in plan components and/or management approaches.	FW-InterpEd-DC-1, FW-InterpEd-DC-2, FW-InterpEd-G-1, FW-Rec-All-DC-1, FW-Rec-All-DC-10, FW-Rec-All-DC-2, FW-Rec-All-DC-4, FW-Rec-All-DC-8, FW-Scenic-DC-1, FW-WFP-DC-1, FW-WFP-DC-10, FW-WFP-DC-2, FW-WFP-DC-5, FW-WFP-G-1, FW-WFP-G-2, FW-WFP-G-3, MA-Walnut-DC-2
206-108	Per the Objectives for Recreation Opportunity Spectrum map, expand Primitive (Non-motorized) settings in and around the steepest portions of Walnut Canyon. Expand Semi-primitive Non-motorized settings on Campbell Mesa, around Walnut Canyon, in the Skunk/Fay Canyon area and northwest of Fisher Point. The Skunk/Fay Canyon areas and lands north of Fisher Point are classified as SPNM ROS settings with one or two SPM road corridors located to protect important habitat characteristics and soil and water needs of the canyon rim. Roaded Natural settings continue in some portions of the MA along the Lake Mary Road corridor.	Addressed in plan components and/or management approaches.	FW-Rec-All-DC-2, FW-Rec-All-DC-4, FW-Rec-All-G-1
206-109	Balance recreation demands with sensitive resources such as sensitive species habitats, fragile riparian vegetation, and erosive soils on steep slopes.	Addressed in plan components and/or management approaches.	FW-Rec-All-G-1
206-109	Reduce the risk of catastrophic fire especially in the Urban/Rural Influence Zone. There is concern for wildfire losses to the National Monument from fires starting southwest of the park. Balance the need to reduce wildfire risk in these areas with desired conditions for Primitive and Semi-primitive ROS settings and disturbance sensitive species habitat. Reference FLEA area-wide direction and other the Forest Plan management direction related to vegetation and fire management.	Addressed in plan components and/or management approaches.	FW-Fire-DC-3, FW-Fire-G-1, FW-Fire-G-2, FW-Fire-MgtApp-D, FW-WUI-DC-2, FW-WUI-DC-3, FW-WUI-DC-4, FW-WUI-DC-5, FW-WUI-G-1
206-109	Per the area-wide FLEA direction: meet with specific communities, City and County officials and consider input for Forest road and trail management, discourage proliferation of unneeded trails, create a primary trail system that serves as a collector for trails that originate in neighborhoods, convert some roads that are not needed for the road system south and east of Walnut Canyon to motorized trails outside of SPNM areas.	Addressed in plan components and/or management approaches.	FW-RdsFac-G-6, FW-RdsFac-MgtApp-A, FW-Rec-All-DC-4, FW-Rec-Trails-DC-1, FW-Rec-Trails-DC-11, FW-Rec-Trails-G-3, FW-Rec-Trails-MgtApp-C, FW-Rec-Trails-O-1, MA-Walnut-MgtApp-A

Management Area 37 – Walnut Canyon			
Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
206-109	Formalize and recognize commitments by the various federal, State, and local government entities to manage the lands between the urban growth boundaries (UGB) and the national monument to retain its recreational and scenic values. Governmental commitments for the management of recreational and scenic lands between the Walnut Canyon NM and the UGB shall reflect the following objectives and intents: ¨ Protect the natural and cultural resources in the urban/wildland interface and the lands surrounding the national monument. ¨ Encourage the City and County to designate and require access points from developed or to be developed areas onto public lands. ¨ Encourage the City and County to provide a transition zone of open space or low density from higher density development where adjacent to public lands. ¨ Cooperate with NPS in its efforts to monitor the use of and impacts on the natural and cultural resources of the Monument.	Addressed in plan components and/or management approaches.	FW-Eco-DC-1, FW-Hrtg-DC-1, FW-Hrtg-MgtApp-A, MA-Walnut-G-1, MA-Walnut-MgtApp-A
206-110	High-quality daytime recreation will be available with few developed recreation facilities.	Addressed in plan components and/or management approaches.	MA-Walnut-DC-1
206-110	Before permitting outfitter/guides adjacent to National Monuments, contact the National Park Service for coordination. Outfitter guiding might also help meet the mission of the National Park Service in the National Monuments or on adjacent National Forest lands.	Addressed in plan components and/or management approaches.	FW-SpecUse-MgtApp-J, MA-Walnut-G-1, MA-Walnut-MgtApp-A
206-110	Follow FLEA area-wide direction including generally, do not place additional outfitter/guide activities or group activities in Walnut Canyon from Fisher Point east, any spring or perennial stream site, except in support of approved research and/or to improve safety or provide site rehabilitation.	Addressed in plan components and/or management approaches.	FW-SpecUse-G-16, FW-SpecUse-G-19, FW-SpecUse-G-3
206-110	Portions of this MA will be closed to camping as noted on the Camping Objectives Map.	Addressed in plan components and/or management approaches.	FW-Rec-Disp-DC-4, FW-Rec-Disp-S-1, MA-Walnut-G-1
206-110	Manage the Canyon Vista area to provide parking, day-use trails, and overnight camping for individuals and groups. Facilities at the site should be designed to limit resource impacts and provide a camping experience at the less developed end of the spectrum for developed campgrounds.	Addressed in plan components and/or management approaches.	FW-Rec-All-G-1, FW-Rec-Dev-DC-2, MA-Walnut-DC-1
206-110	Recreation use should be concentrated along main corridors with few roads, trails, and people in between.	Addressed in plan components and/or management approaches.	FW-Rec-All-G-1, FW-Rec-All-G-2, MA-Walnut-G-1
206-110	Within Walnut Canyon itself, discourage off trail use.	Addressed in plan components and/or management approaches.	FW-Rec-Trails-DC-11, FW-Rec-Trails-G-3, MA-Walnut-G-1

Management Area 37 – Walnut Canyon			
Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
206-110	Consider impacts to viewsheds of the National Monument and consider input from Park Service personnel when designing or approving projects in this viewshed.	Addressed in plan components and/or management approaches.	FW-Scenic-DC-2, FW-Scenic-G-1, FW-Scenic-MgtApp-B, MA-Walnut-MgtApp-A
206-110	Developments such as roads, trails, camping, day-use sites, and trailheads mimic local materials and landscape characteristics to blend with the adjacent natural-appearing landscape.	Addressed in plan components and/or management approaches.	FW-RdsFac-G-1, FW-RdsFac-G-10, FW-Rec-All-G-1, FW-Rec-Trails-G-1, FW-Scenic-DC-2, FW-Scenic-DC-7, FW-Scenic-G-1
206-110	Provide fast clean-up from management activities and limit short-term visual impacts (1 to 3 years), while meeting fire potential reduction needs, design thinning for long-term scenic quality adjacent to homes and along major highways or near developed recreation sites.	Addressed in plan components and/or management approaches.	FW-Fire-G-2, FW-Scenic-DC-4, FW-Scenic-G-1, FW-Scenic-G-2, FW-Scenic-G-3, FW-WUI-DC-4
206-111	Throughout the entire management area, activities, such as thinning and prescribed fire, result over the long-term, in alterations that appear natural to most visitors.	Addressed in plan components and/or management approaches.	FW-Scenic-DC-1, FW-Scenic-DC-2, FW-Scenic-G-1
206-111	Do thinning with sensitivity to scenic values and recreation uses. Examples may include but are not limited to, feathering edges of thinning boundaries, careful placement and use of roads to access thinning areas, and creating a variety of tree densities, sizes, types and openings.	Addressed in plan components and/or management approaches.	FW-Scenic-DC-1, FW-Scenic-DC-2, FW-Scenic-DC-4, FW-Scenic-G-1, FW-Scenic-G-2, FW-Scenic-G-3, FW-Scenic-G-4, FW-TerrERU-All-G-1
206-111	Cooperate with the City of Flagstaff and National Park Service to develop study proposals and projects designed to evaluate best management practices, reservoir modifications, and/or operational criteria to address the objectives of maintaining the quality of the municipal water supply and increasing the likelihood of flood flows and improvement of the inner-canyon environment in Walnut Canyon National Monument (per the Stipulation Between The City of Flagstaff and the United States on Behalf of the National Park Service and the Forest Service).	Addressed in plan components and/or management approaches.	FW-Water-DC-1, FW-Water-DC-2, FW-Water-DC-5, FW-Water-DC-6, MA-LkMary-MgtApp-C, MA-Walnut-MgtApp-A
206-111	Continue active monitoring of cultural and historical sites to impacts from recreation, cattle grazing, firewood cutting, and other human uses. Changes in management can occur in response to demonstrated (through monitoring) negative impacts to archaeological resources. Cooperate with available Park Service personnel to assist with monitoring.	Addressed in plan components and/or management approaches.	FW-Hrtg-DC-1, FW-Hrtg-MgtApp-A, FW-Hrtg-MgtApp-C, FW-Hrtg-MgtApp-F, FW-Hrtg-O-1, FW-Hrtg-O-2, MA-Walnut-MgtApp-A
206-111	In the Primitive, Semi-primitive Non-motorized, and Semi-primitive Motorized ROS settings maintain large tracts of unfragmented habitat for turkey and bear.	Addressed in plan components and/or management approaches.	FW-Rec-All-DC-4, FW-Rec-All-DC-6, FW-Rec-All-G-1

Management Area 37 – Walnut Canyon			
Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
206-111	Coordinate with the NPS concerning the fencing of newly acquired National Monument lands, access and interpretation of the “first fort” area, and protection activities, such as reduction of fuel hazard and closure of roads accessing the canyon rims.	Addressed in plan components and/or management approaches.	MA-Walnut-MgtApp-A
206-111	National Forest jurisdiction will be maintained for all lands in the Walnut Canyon MA. No land exchanges will occur unless the purpose is to acquire land within this MA through exchange of national forest lands elsewhere.	Addressed in plan components and/or management approaches.	MA-Walnut-S-2
206-112	Cooperate with other agencies and local governments to maintain the Arizona State Trust Lands* in Wildland/open space status. Pursue purchase or land exchange options for the purpose of conservation.	Addressed in plan components and/or management approaches.	FW-LndAdj-G-1, FW-LndAdj-MgtApp-B, FW-LndAdj-MgtApp-D, FW-LndAdj-MgtApp-E

Management Area 38 - West

Management Area 38 - West			
Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
206-114	More than half of this MA is within the Urban/Rural Influence Zone. Within the Urban/Rural Influence Zone, and along the Highway 89A corridor, reduce the risk of catastrophic wildfire, emphasize daytime recreation activities, both motorized and non-motorized, balance recreation demands with protection of the soils, water, wildlife and vegetation, and maintain public access to public lands. Reduce instances of illegal activities and trash dumping. Maintain scenic quality. Opportunities for firewood or other forest products are rare, however, firewood sales may be used as a tool for management. Maintain wildlife travelways.	Addressed in plan components and/or management approaches.	FW-Eco-DC-2, FW-Fprod-DC-1, FW-Rec-All-DC-4, FW-Rec-All-G-1, FW-Rec-Disp-DC-3, FW-Rec-Trails-MgtApp-C, FW-Scenic-DC-1, FW-Scenic-DC-2, FW-Scenic-G-1, FW-Soil-DC-1, FW-Soil-G-1, FW-TerrERU-All-DC-2, FW-Water-DC-1, FW-WFP-DC-1, FW-WFP-DC-6, FW-WFP-G-6, MA-FlagN-DC-6, MA-PineBelt-DC-3
206-114	In the remainder of the MA, re-introduce fire's natural role as much as possible, progress towards desired conditions described (MSO and goshawk guidelines), restore meadows, and promote healthy pine/oak forests. Minimize recreation impacts to disturbance sensitive species. Maintain wildlife travelways.	Addressed in plan components and/or management approaches.	FW-Eco-DC-1, FW-Eco-DC-3, FW-Fire-DC-2, FW-Fire-G-2, FW-Rec-All-G-1, FW-TerrERU-All-DC-2, FW-TerrERU-All-G-2, FW-WFP-DC-11, FW-WFP-DC-6, FW-WFP-G-6, FW-WFP-S-1, FW-WUI-DC-2
206-114	Take actions to help protect and maintain high quality water in Oak Creek.	Addressed in plan components and/or management approaches.	FW-TerrERU-All-G-1, FW-Water-DC-7, FW-Water-G-2, FW-Water-G-4, MA-PineBelt-G-1
206-114	Per the Objectives for Recreation Opportunity Spectrum map, maintain Semiprimitive Non-motorized settings on portions of Woody Ridge, A-1 Mountain and west of A-1 Mountain. In the remainder of National Forest lands, maintain patches of Semi-primitive Motorized habitat with Roaded Natural corridors along major roads or in smaller National Forest inholdings. In this MA, the Semiprimitive settings have higher numbers of people than occur in outlying MA's.	Addressed in plan components and/or management approaches.	FW-Rec-All-DC-4
206-114	The portions of this MA that lie southwest of developed lands are high priority for fire risk reduction efforts. This includes the Urban/Rural Influence Zone and the Wildland Urban Interface as depicted on the Fire Management Analysis Zones map. Reference FLEA area-wide direction.	Addressed in plan components and/or management approaches.	FW-Fire-DC-2, FW-Fire-G-1, FW-WUI-DC-2, FW-WUI-DC-3
206-115	Maintain the major wildlife corridor that crosses Highway 180 and another corridor between Pumphouse Wash and Woody Ridge, south of Kachina Village.	Addressed in plan components and/or management approaches.	FW-WFP-DC-6, FW-WFP-G-6, FW-WFP-MgtApp-G

Management Area 38 - West			
Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
206-115	Areas near to residential private lands may have large numbers of people on some occasions. Daytime activities are emphasized with some designated overnight camping opportunities. Encounters with other people are frequent here, but there will still be places to "get away" and enjoy solitude.	Addressed in plan components and/or management approaches.	FW-Rec-All-DC-10, FW-Rec-All-DC-4, FW-Rec-Disp-DC-4
206-115	Adjacent to residential areas improve trailhead signing, brochures and directional signing. Recreation opportunities will be somewhat "advertised," but each residential area will need to provide input on the level of information provided.	Addressed in plan components and/or management approaches.	FW-InterpEd-DC-1, FW-InterpEd-DC-2, FW-InterpEd-DC-3, FW-InterpEd-DC-7, FW-InterpEd-G-2, MA-FlagN-MgtApp-A, MA-FlagN-MgtApp-B
206-116	Balance demands for non-motorized and motorized trails and provide opportunities for both.	Addressed in plan components and/or management approaches.	FW-Rec-All-G-2, FW-Rec-Trails-DC-2, FW-Rec-Trails-DC-5, FW-Rec-Trails-MgtApp-C
206-116	Coordinate trailhead parking with future development on adjacent private lands, in order to take advantage of the opportunity to be proactive in designing trails and trailheads to maintain access to public lands.	Addressed in plan components and/or management approaches.	FW-Rec-Trails-MgtApp-E
206-116	Per the FLEA Area-wide direction, focus special use permits away from urban/residential areas. Generally, do not place additional outfitter/guide activities or group activities in Pumphouse Wash, any spring or perennial stream site, except in support of approved research and/or to improve safety or provide site rehabilitation.	Addressed in plan components and/or management approaches.	FW-SpecUse-DC-7, FW-SpecUse-G-16, FW-SpecUse-G-19, FW-SpecUse-G-2, FW-SpecUse-G-3
206-116	In the Fort Valley and A-1 Mountain areas, maintain the wildlife travelway that connects A-1 Mountain, Observatory Mesa, and the slopes of the San Francisco Mountain.	Addressed in plan components and/or management approaches.	FW-WFP-DC-6, FW-WFP-G-6
206-116	Lands west of A-1 Mountain in Semi-primitive Non-motorized ROS setting maintain large tracts of unfragmented habitat for turkey and bear.	Addressed in plan components and/or management approaches.	FW-Rec-All-DC-10, FW-Rec-All-DC-4, FW-Rec-All-DC-6
206-116	In the Oak Creek watershed, high priority is given to minimizing soil erosion and sedimentation from Forest system roads and trails. Proper maintenance and drainage will be emphasized as well as relocating roads from meadows and obliterating unnecessary roads.	Addressed in plan components and/or management approaches.	FW-RdsFac-G-1, FW-RdsFac-G-2, FW-RdsFac-G-6, FW-Rec-Trails-G-1, FW-Water-DC-1, FW-Water-DC-2, FW-Water-DC-3, FW-Water-G-2, FW-Water-G-4

Management Area 38 - West			
Page Number	**1987 Plan Component**	**How it was Addressed**	**Related Components in Proposed Revised Plan**
206-116	Where perennial stream flow is present, riparian communities should have adequate in-stream flows and adequate plant cover to protect stream banks and dissipate energy during high flows. Channel characteristics and water support natural biodiversity. Ensure adequate instream flow water rights to maintain aquatic communities and water sources for wildlife.	Addressed in plan components and/or management approaches.	FW-Rip-All-DC-1, FW-Rip-All-DC-2, FW-Rip-All-DC-5, FW-Rip-All-G-2, FW-Rip-Strm-DC-1, FW-Water-G-3, FW-Water-MgtApp-D, FW-Water-MgtApp-E, FW-Water-MgtApp-F, FW-WFP-DC-1
206-116	Avoid or limit human disturbance to rare species such as peregrine falcon and Arizona bugbane.	Addressed in plan components and/or management approaches.	FW-WFP-DC-11, FW-WFP-G-1, FW-WFP-G-11, FW-WFP-G-2, FW-WFP-G-3, FW-WFP-G-8, FW-WFP-MgtApp-E, FW-WFP-MgtApp-F, FW-WFP-S-2
206-116	There are known populations of non-native and invasive plants in this MA, such as bull thistle in Pumphouse Wash. Continue efforts to control or eradicate these weeds and coordinate with recreation and lands uses to prevent spread.	Addressed in plan components and/or management approaches.	FW-Invas-DC-1, FW-Invas-DC-2, FW-Invas-G-1, FW-Invas-G-2, FW-Invas-G-3, FW-Rec-All-G-6, FW-Rec-Dev-DC-9, FW-SpecUse-G-1, FW-SpecUse-G-21
206-117	Per the FLEA Area-wide direction, reduce potential for catastrophic wildfire within the Urban/Rural Influence zone. Because of prevailing winds and steep terrain, lands south and west of the Urban/Rural Influence zone should be evaluated for wildfire risks and appropriate measures taken to reduce potential for catastrophic fire. Continue partnerships with city, county, and State fire departments to coordinate fire hazard reduction treatments, prevention, and suppression.	Addressed in plan components and/or management approaches.	FW-Eco-DC-2, FW-Fire-DC-2, FW-Fire-DC-3, FW-Fire-G-1, FW-Fire-G-2, FW-Fire-MgtApp-B, FW-Fire-MgtApp-D, FW-TerrERU-All-DC-1, FW-TerrERU-All-DC-2, FW-WUI-DC-2, FW-WUI-DC-3, FW-WUI-DC-4, FW-WUI-G-1
206-117	Some of the Arizona State Trust Land parcels in this MA are Centennial Forest. Coordinate with the Director of the Centennial Forest when conducting management activities on adjacent National Forest lands.	Addressed in plan components and/or management approaches.	FW-WUI-G-1